Automated Data Systems Manual

Commodity Command Standard System

Users Manual

SOMARDS Processes

The instructions contained in this publication become effective with implementation of Software Change Package 200230.

CSC - St. Louis

USERS MANUAL
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This supersession reflects changes to rename DFAS Operating Locations to DFAS Field Sites, to identify DFAS customers assigned SITE-CD S6, to describe accrual and leave accrual processing (System IDs 1903 and 1909), to provide System ID 1931 changes for cost center manager assignment and commitment generation, to provide System ID 1942 revisions to address decade changes, to describe System ID 1970 DTS changes, to identify System ID 1974 changes to process prior pay period adjustments, to provide DCPS definitions and code values (Appendix H) and year-end processing application schedule (Appendix I), and to identify other edits/processes revised in response to customers' problem reports/change proposals or for clarification/correction. Changed portions of the text are indicated by an asterisk or a vertical line at the left margin.

This ADSM supersedes ADSM 18-C99-JAQ-ZZZ-UM-01, 5 January 2001.

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SECTION 1. GENERAL

1.1 Purpose of the Users Manual. The objective of this Users Manual (UM) for SOMARDS Processes is to provide the non-automatic data (ADP) user with the information necessary to use the system effectively.

1.2 Project References.

1.2.1 Proponent Command. a. Defense Finance Accounting Service (DFAS), Indianapolis, IN 46249-2420.

b. Headquarters, US Army Materiel Command (HQ, USAMC), Alexandria, VA 22333-0001.

1.2.2 Assigned Responsible Activity. USA CECOM Logistics Systems Support Center (LSSC), St. Louis, MO 63103-2834.

1.2.3 System Developer. Same as paragraph 1.2.2.

1.2.4 Operating Centers. a. US Defense Information Systems Agency (DISA) Area Command St. Louis, DISA Western Hemisphere Defense Megacenter (DMC) St. Louis, P.O. Box 20012, St, Louis, MO 63120-0012.

b. For region EH the operating center is HQ, US Army Tank-automotive and Armaments Command, Director of Information Management (DOIM), Warren, MI 48397-5000.

c. For region XR, the operating center is US Army Armament Research, Development and Engineering Center, Picatinny Arsenal, NJ 07806-5000.

*1.2.4.1 DFAS Field Sites. a. DFAS Denver/IBA, Building 444, 6760 E. Irvington Place, Denver, CO 80279.

b. DFAS Rock Island, Building 68, Rock Island Arsenal, Rock Island, IL 61299.

c. DFAS St Louis, Federal Center, Building 110, 4300 Goodfellow Boulevard, St. Louis, MO 63120.

1.2.4.1.1 DFAS Denver Customer.

SITE- CODE	CMD- DSG	Customer
A3	O	U S Army Security Assistance Command (USASAC) 54 M Ave. Suite 1, New Cumberland, PA 17070-5096

1.2.4.1.2 DFAS Rock Island Customers.

SITE- CODE	CMD- DSG	Customer
EK	P	US Army Materiel Command 5001 Eisenhower Avenue, Alexandria, VA 22333-0001
EK	W	Simulation Training Research Instrumentation Command (STRICOM) 12350 Research Parkway, Orlando, FL 32826-3276

SITE- CODE	CMD- DSG	Customer
*		
17	I	Counternarcotics Command Management Systems 1616 Anderson Road, McLean, VA 22102-1616
17	1	Intelligence Fusion, 1616 Anderson Road, McLean, VA 22102-1616
I7	I	US Army Research Laboratory (ARL) 2800 Powder Mill Road, Adelphi, MD 20783-1197
K1	S	Army Space Program Office 7701 Telegraph Road, Building 2592A, Alexandria, VA 22315
K1	S	Chemical Demilitarization, Building E4585, Aberdeen Proving Ground, MD 21010-5401
K1	S	Edgewood Chemical Activity, Aberdeen Proving Ground, MD 21010-5423
K1	S	Headquarters, Army Materiel Command Special Project Support Activity 5895 Wilson Road, Building 337, Fort Belvoir, VA 22060-5424
K1	S	National Ground Intelligence Center 200 Seventh Street NE, Charlottesville, VA 22902-5396
K1	S	PM Soldier, 10401 Totten Road, Room 117, Fort Belvoir, VA 20155-5852
K1	S	US Army Aberdeen Test Center 400 Colleran Road, Aberdeen Proving Ground, MD 21005-5059
K1	S	US Army Aviation Tech Test Center CAAF Specker Street, Building 30601, Fort Rucker, AL 36362-5276
K1	S	US Army Center for Health Promotion and Preventative Medicine 5158 Blackhawk Road, Aberdeen Proving Ground, MD 21010-5422
K1	S	US Army Center for Health Promotion and Preventive Medicine-South 1312 Cobb Street, Fort McPherson, GA 30330-5000
K1	S	US Army Environmental Center Building E4460, Aberdeen Proving Ground, MD 21010-5401
K1	S	US Army Evaluation Analysis Center 4120 Susquehanna Avenue, Aberdeen Proving Ground, MD 21005-3013
K1	S	US Army Intelligence Systems Command 8825 Beulah Street, Fort Belvoir, VA 22060-5246
K1	S	US Army Materiel Systems Analysis Activity 392 Hopkins Road, Aberdeen Proving Ground, MD 21005-5071
K1	S	US Army Materiel Systems Analysis Activity, Rock Island, IL 61299-7260
K1	S	US Army Medical Research Institute of Chemical Defense 3100 Rickets Point Road, Aberdeen Proving Ground, MD 21010-5425

SITE-CODE	CMD-DSG	Customer
K1	S	US Army Ordnance Center and School Aberdeen Proving Ground, MD 21005-5201
K1	S	US Army Research Institute Room 6E10, 5001 Eisenhower Avenue, Alexandria, VA 2333-5600
K1	S	US Army Space and Missile Defense Command PO Box 15280, Arlington, VA 22215-02800
K1	S	US Army Test and Evaluation Command Ryan Building, Aberdeen Proving Ground, MD 21005
K1	U	Yuma Proving Ground Building 2105, Yuma Proving Ground, AZ 85365-9115
K1	V	Dugway Proving Ground, Dugway, UT 84022
L4	W	White Sands Missile Range Building 102, White Sands Missile Range, NM 88002
L4	W	White Sands Missile Range - Electronics Proving Ground Fort Huachuca, AZ 85613-7110
M2	M	Defense Ammunition Center, 1 C-Tree Road, McAlester, OK 74501-9052
M2	M	Logistics Support Activity, Building 5307, Redstone Arsenal, AL 35898-7466
M2	M	School of Engineering and Logistics (SEL) Red River Army Depot, Texarkana, TX 75507-5000
M2	M	Special Operations Forces Support Activity Blue Grass Station, PO Box 14063, Lexington, KY 40512-4063
M2	M	US AMC Installations and Services Activity, Rock Island, IL 61299-7190
M2	M	US Army Combat Equipment Group - Asia 103 Guidance Road, Goose Creek, SC 29445-6060
M2	M	US AMC Security Support Division Building 713, Fort Gillem, Forest Park, GA 30050-5000
M2	M	US Army War Reserves Support Command 54 M Avenue, Suite 10, New Cumberland, PA 17070-5039
*S6	S	US Army Garrison Aberdeen Proving Ground 4119 Susquehanna Avenue, Aberdeen Proving Ground, MD 21005
*S6	7	HQ, U.S. Army Soldier and Biological Chemical Command (HQ, USA SBCCOM) 5183 Blackhawk Road Aberdeen Proving Ground, MD 21010-5424
*S6	7	Anniston Chemical Activity, Anniston, AL 36201
*S6	7	Blue Grass Chemical Activity, Richmond, KY 40475-5008
*S6	7	Chemical Agent Munition Disposal System Activity, Tooele, UT 84074-5000.

SITE-CODE	CMD-DSG	Customer
*S6	7	Deseret Chemical Activity, Tooele, UT 84074-5000
*S6	7	Newport Chemical Depot, Newport, IN 47966-0121
*S6	7	Pine Bluff Chemical Activity, Pine Bluff, AR 71602-9500
*S6	7	Pueblo Chemical Depot, 45825 Highway 96E, Pueblo, CO 81006-9330
*S6	7	Rocky Mountain Arsenal, Commerce City, CO 80022-1748
*S6	7	Soldier and Biological Chemical Command, Rock Island, IL 61299-7410
*S6	7	Umatilla Chemical Depot, Hermiston, OR 97838-9544

1.2.4.1.3 DFAS St. Louis Customers.

SITE-CODE	CMD-DSG	Customer
AX	H	US Army Air and Missile Command (AMCOM-AIR) Redstone Arsenal, AL 35898-5000
C4	G	HQ, US Army Communications-Electronics Command (CECOM) Fort Monmouth, NJ 07703-5000
D2	L	US Army Air and Missile Command (AMCOM-MISSILE) Redstone Arsenal, AL 35898-5000
EH	K	HQ, US Army Tank-automotive and Armaments Command Warren (TACOM-W), Warren, MI 48397-5000
M1	M	HQ US Army Tank-automotive and Armaments Command Rock Island (TACOM-RI), Rock Island, IL 61299-6000
S6	B	U.S. Army Soldier and Biological Chemical Command, (SBCCOM) Natick, MA 01760-5021
XR	P	US Army Armament Research, Development and Engineering Center (ARDEC) Picatinny Arsenal, NJ 07806-5000 (also in regions M1 and in M2 Rock Island)

1.2.5 Documentation Concerning Related Projects.

Author	Publication	Title	Classification
DOD	DFAS-IN Regulation 37-1	Finance and Accounting Policy Implementation	UNCLAS
DOD	DOD 7000.14-R	Department of Defense (DOD) Financial Management Regulations	UNCLAS
DFAS	DCPS-IS-01	Defense Civilian Pay System Interface Specification	UNCLAS

Author	Publication	Title	Classification
DFAS	ATAAPS-IS-01	Automated Time Attendance and Production System (ATAAPS)	UNCLAS
LSSC	ADSM 18-C99-JAQ-ZZZ-UM-02	SOMARDS Transactions	UNCLAS
LSSC	ADSM 18-C99-JAQ-ZZZ-UM-03	SOMARDS General Ledger Processing	UNCLAS
LSSC	ADSM 18-C99-JAQ-ZZZ-OM-1900	Standard Operations and Maintenance Army On-Line Process	UNCLAS
LSSC	ADSM 18-C99-JAQ-ZZZ-OM-1901	SOMARDS Fund Out of Balance Report	UNCLAS
LSSC	ADSM 18-C99-JAQ-ZZZ-OM-1902	Labor Standard Army Civilian Pay System Update Process	UNCLAS
LSSC	ADSM 18-C99-JAQ-ZZZ-OM-1903	Labor Accrual Process	UNCLAS
LSSC	ADSM 18-C99-JAQ-ZZZ-OM-1904	Labor Military Pay Process	UNCLAS
LSSC	ADSM 18-C99-JAQ-ZZZ-OM-1905	On-Line Transaction Extract Process	UNCLAS
LSSC	ADSM 18-C99-JAQ-ZZZ-OM-1906	DFAS File Reformat Process	UNCLAS
LSSC	ADSM 18-C99-JAQ-ZZZ-OM-1908	Daily Labor Process	UNCLAS
LSSC	ADSM 18-C99-JAQ-ZZZ-OM-1909	SOMARDS Leave Accrual Process	UNCLAS
LSSC	ADSM 18-C99-JAQ-ZZZ-OM-1910	Monthly Summary of Labor Charges Process	UNCLAS
LSSC	ADSM 18-C99-JAQ-ZZZ-OM-1911	Labor Detail Transaction Reports Process	UNCLAS
LSSC	ADSM 18-C99-JAQ-ZZZ-OM-1912	Advance Accounting Extract Process	UNCLAS
LSSC	ADSM 18-C99-JAQ-ZZZ-OM-1913	Integrated Facilities System Document File Update	UNCLAS
LSSC	ADSM 18-C99-JAQ-ZZZ-OM-1916	Funds Control/Execution Update	UNCLAS

Author	Publication	Title	Classification
LSSC	ADSM 18-C99-JAQ-ZZZ-OM-1917	Funds Control Extract	UNCLAS
LSSC	ADSM 18-C99-JAQ-ZZZ-OM-1918	Daily Transaction Register Transaction Distribution	UNCLAS
LSSC	ADSM 18-C99-JAQ-ZZZ-OM-1919	Daily Cash Flow Sort and Report	UNCLAS
LSSC	ADSM 18-C99-JAQ-ZZZ-OM-1922	Regulatory Reports Extract	UNCLAS
LSSC	ADSM 18-C99-JAQ-ZZZ-OM-1923	Commitment Obligation Expense Disbursement Labor Transfer Charges Process	UNCLAS
LSSC	ADSM 18-C99-JAQ-ZZZ-OM-1924	Clear Files	UNCLAS
LSSC	ADSM 18-C99-JAQ-ZZZ-OM-1925	Purge Files	UNCLAS
LSSC	ADSM 18-C99-JAQ-ZZZ-OM-1926	Monthly Overhead Distribution	UNCLAS
LSSC	ADSM 18-C99-JAQ-ZZZ-OM-1927	Block Ticket Operations and Maintenance Unique Update	UNCLAS
LSSC	ADSM 18-C99-JAQ-ZZZ-OM-1928	SOMARDS As Required Base Operations Rate	UNCLAS
LSSC	ADSM 18-C99-JAQ-ZZZ-OM-1931	Cost Distribution	UNCLAS
LSSC	ADSM 18-C99-JAQ-ZZZ-OM-1932	Average Rate Update	UNCLAS
LSSC	ADSM 18-C99-JAQ-ZZZ-OM-1933	Bill Cycle Extract and Update	UNCLAS
LSSC	ADSM 18-C99-JAQ-ZZZ-OM-1934	Bill Cycle	UNCLAS
LSSC	ADSM 18-C99-JAQ-ZZZ-OM-1935	Writedown Commit	UNCLAS
LSSC	ADSM 18-C99-JAQ-ZZZ-OM-1936	Writedown Order	UNCLAS
LSSC	ADSM 18-C99-JAQ-ZZZ-OM-1937	SOMARDS History File Update	UNCLAS

Author	Publication	Title	Classification
LSSC	ADSM 18-C99-JAQ-ZZZ-OM-1939	Year-End General Ledger Close Outs	UNCLAS
LSSC	ADSM 18-C99-JAQ-ZZZ-OM-1940	Yearly Program Fund Writedown	UNCLAS
LSSC	ADSM 18-C99-JAQ-ZZZ-OM-1942	Yearly Rebuild	UNCLAS
LSSC	ADSM 18-C99-JAQ-ZZZ-OM-1943	Medical Expense Performance Reporting System Extract	UNCLAS
LSSC	ADSM 18-C99-JAQ-ZZZ-OM-1944	Yearend Labor File Rebuild	UNCLAS
LSSC	ADSM 18-C99-JAQ-ZZZ-OM-1945	Yearly Purge FC File Process	UNCLAS
LSSC	ADSM 18-C99-JAQ-ZZZ-OM-1946	Year-End File Merge Process	UNCLAS
LSSC	ADSM 18-C99-JAQ-ZZZ-OM-1947	Bill Number File Print	UNCLAS
LSSC	ADSM 18-C99-JAQ-ZZZ-OM-1948	Standard Operations and Maintenance Army Disbursing Officer Voucher Number Table	UNCLAS
LSSC	ADSM 18-C99-JAQ-ZZZ-OM-1951	Standard Operations and Maintenance Army Labor Element of Resource Formatted File Print	UNCLAS
LSSC	ADSM 18-C99-JAQ-ZZZ-OM-1953	Standard Operations and Maintenance Army Tables Formatted File Print	UNCLAS
LSSC	ADSM 18-C99-JAQ-ZZZ-OM-1954	Integrated Facilities System Job Order File Update	UNCLAS
LSSC	ADSM 18-C99-JAQ-ZZZ-OM-1955	Integrated Facilities System Micro/Mini Interface	UNCLAS
LSSC	ADSM 18-C99-JAQ-ZZZ-OM-1960	SOMARDS Batch Edit Process	UNCLAS
LSSC	ADSM 18-C99-JAQ-ZZZ-OM-1961	AMCISS Interface Process	UNCLAS
LSSC	ADSM 18-C99-JAQ-ZZZ-OM-1962	RASFIARS/SIFS Interface Process	UNCLAS

Author	Publication	Title	Classification
LSSC	ADSM 18-C99-JAQ-ZZZ-OM-1963	SOMALJOR/S2K.Fund Reconciliation	UNCLAS
LSSC	ADSM 18-C99-JAQ-ZZZ-OM-1965	S2K.LBRM/SOMALJOR Reconciliation	UNCLAS
LSSC	ADSM 18-C99-JAQ-ZZZ-OM-1966	SOMATBLS/SOMALJOR Reconciliation	UNCLAS
LSSC	ADSM 18-C99-JAQ-ZZZ-OM-1967	Standard Operations and Maintenance Army Reorganization	UNCLAS
LSSC	ADSM 18-C99-JAQ-ZZZ-OM-1970	Financial Electronic Data Interchange	UNCLAS
LSSC	ADSM 18-C99-JAQ-ZZZ-OM-1971	Automated Time and Attendance Production System Interface	UNCLAS
LSSC	ADSM 18-C99-JAQ-ZZZ-OM-1972	General Ledger Reconciliation	UNCLAS
LSSC	ADSM 18-C99-JAQ-ZZZ-OM-1973	FMS Administrative Costs Process	UNCLAS
LSSC	ADSM 18-C99-JAQ-ZZZ-OM-1974	Defense Civilian Pay System Interface	UNCLAS
LSSC	ADSM 18-C99-JAQ-ZZZ-OM-1975	Defense Civilian Pay System Accounting Class	UNCLAS
LSSC	ADSM 18-C99-JAQ-ZZZ-OM-1976	SOMABILC Update Process	UNCLAS
LSSC	ADSM 18-C99-JAQ-ZZZ-OM-1977	SOMABILC Merge Process	UNCLAS
LSSC	ADSM 18-C99-JAQ-ZZZ-OM-1978	Interfund Disbursement Process	UNCLAS
LSSC	ADSM 18-C99-JAQ-ZZZ-OM-1979	Financial/Logistics Interface	UNCLAS
LSSC	ADSM 18-C99-JAQ-ZZZ-OM-1987	SOMAULOM Extract	UNCLAS
LSSC	ADSM 18-C99-JAQ-ZZZ-OM-1988	SOMARDS Daily History Update	UNCLAS
LSSC	ADSM 18-C99-JAQ-ZZZ-OM-1989	General Ledger Update	UNCLAS

Author	Publication	Title	Classification
LSSC	ADSM 18-C99-JAQ-ZZZ-OM-1990	Regulatory Report Router	UNCLAS
LSSC	ADSM 18-C99-JAQ-ZZZ-OM-1991	Regulatory Report Update	UNCLAS
LSSC	ADSM 18-C99-JAQ-ZZZ-OM-1992	Regulatory Report Print	UNCLAS
LSSC	ADSM 18-C99-JAQ-ZZZ-OM-1993	Regulatory Report Submission	UNCLAS
LSSC	ADSM 18-C99-JAQ-ZZZ-OM-1997	SOMAMSCD/S2K.FUND Reconciliation	UNCLAS
LSSC	ADSM 18-C99-JAQ-ZZZ-OM-1998	Departmental Database Expenditure Data Warehouse Extract	UNCLAS
LSSC	ADSM 18-LCD-JBM-ZZZ-OM-806	Army Procurement Appropriations Monthly Reports Process	UNCLAS
LSSC	ADSM 18-LCD-JBM-ZZZ-OM-828	APA Execution Extract	UNCLAS
LSSC	ADSM 18-LCD-JBM-ZZZ-OM-834	User Command Requisitions	UNCLAS

Note All non-standard data elements used in this Automated Data Systems Manual (ADSM) are on file at CSC - St. Louis.

1.3 Terms and Abbreviations. Refer to appendix A.

1.4   Security. The type of data to be entered into the Standard Operations and Maintenance Army Research and Development System (SOMARDS) accounting tables and files normally is unclassified, but proper protection and confidentiality shall apply to ensure the integrity of the system.

SECTION 2. SYSTEM SUMMARY

2.1 System Application.

2.1.1 Purpose. This standard financial accounting and reporting system provides both US Army and Defense Finance and Accounting Service (DFAS) users an interactive mainframe system that stores all types of financial data in hierarchical databases that are readily accessible to all authorized users for query. The system provides for reimbursable customer and direct mission funds control, and reporting for labor, reimbursable billings, advances, and general operating expenses. Particular features include on-line and batch processing; general ledger reporting; production of daily, regulatory, and monthly reports; on-line and batch reject re-entry; file inquiry/maintenance capability; and month-end/year-end close and purge processes. SOMARDS interfaces with other Department of the Army (DA), DFAS, and other Army Materiel Comand (AMC) labor, financial, and inventory systems, and is involved in electronic commerce/electronic data interchange (EC/EDI) transactions. The typical customer base includes operations and maintenance, Army (OMA), research, development, test, and evaluation (RDTE), test and evaluation (T&E), Army procurement appropriation (APA), and DFAS OP-LOCS; however, SOMARDS also has the capability to account for other miscellaneous appropriations

2.1.2 Functions Performed. a. SOMARDS provides for the input of accounting, labor, general ledger, and other miscellaneous transactions by both on-line and batch process and by system interfaces. Transactions codes (TRNS-CDs) processed by this system allows the user to do the following:

(1) Build program and funds control records in the accounting files for subsequent posting of execution data (for example: commitments, obligations, expenses, disbursements, and reimbursements), and to build job order transactions that are used to accumulate specific costs by jobs or work areas. These high level records contain information used for funds control and regulatory reporting. Data stored in these files are available by on-line or batch inquiry to determine the status of a particular record or verify output reports.

(2) Post commitments, obligations, expenses, receipts, acceptances, disbursements, prior year (PY) deobligations, progress payments, recoupments, and civilian/military end strength transactions to the accounting files. The information stored in these files is used for funds control and regulatory reporting. Data stored in these files are available through on-line or batch inquiry.

(3) Properly record and account for all types of Army advances (travel, advances to contractors, or other advances) in the accounting files. Data stored in the files are available for additional updates and inquiry by the user to determine the status of an advance record.

(4) Enter into the system funded and automatic reimbursable programs. Program and funds should be established before entering customer orders into the system. Once established, then orders received may be entered followed by earnings, billings, and collections. The system also provides for adjustments such as accounts receivable, transfers to other account offices, and write-offs. Other reimbursable data such as advances received and disbursed can be tracked within SOMARDS. These transaction types, along with billings and collections, create and modify accounts receivable records. When required, earning/billing and earning/billing/collection transactions can perform an optional process that automatically updates commitment, obligation, expense, and disbursement values for that customer order where costs were originally established under a direct Army record. At the same time, these same values will be decreased under that direct Army record. SOMARDS refers to this type of processing as switch blocking.

(5) Input general ledger account data to the general ledger file. Account data stored in the file are used to produce the general ledger trial balance report.

b. The system has manual and automated billing processes where bills are produced whenever sufficient expenses have occurred and should be billed to customers. When appropriate, add-on costs and unfunded charges are computed and are posted to customer accounts prior to the automated billing process. Reimbursable data stored in the accounting files are available by on-line or batch inquiry to determine the status of a particular order or verify output reports.

(1) The automated cost add-on and unfunded cost process can be run prior to automated billing where expenses are switched from a direct Army record to the customer's record based on predetermined rates. The reimbursable process codes (REIMB-PROC-CDs) identify what add on charges are to be applied and what unfunded costs are applicable to a reimbursable order.

(2) The automated billing processes can be used to automatically determine the bill value, and generate and update earnings, billings, collections, and disbursements for internal bills. Automated processing provides a 1080 billing or a bill to the public, and other necessary reports that provide backup for identification of charges to a reimbursable billing.

c. The system computes and distributes daily and bi-weekly civilian labor, civilian accrual, civilian leave accrual, and military labor charges to applicable fund accounts and produces various information reports that summarizes, lists, or compares valid and invalid labor data by employee. It provides for detailed and summarized management reports by employee, organization, or control elements, and provides for labor transfers between fund control accounts.

d. The system has many batch processes that are designated as either daily, monthly, or yearly. Most all of these processes, except for yearly, can be run on an as required basis. The monthly processes include regulatory reporting, the month-end close of accounting data and the purge to history of completed commitment, obligation, and advance records. Yearly processes include the year-end close of accounting and general ledger records; the yearly rebuild of the accounting and labor files; the year-end writedown of program and funds, customer orders, and commitments; and the purge to history of the EOR, job order, manager resource, and program levels records. Though the customer order and commitment writedown processes are considered yearly, they can be run at any time of the year.

e. There are several cost processes that move costs incurred under one job to another. These are the foreign military sales (FMS) administrative cost, cost distribution, overhead distribution, and base operation rate distribution.

f. Many of the System IDs produce output reports that provide managers with the means to determine the accounting file's validity and accuracy.

2.1.3 System Interfaces. a. Army Materiel Command Installation Supply System (AMCISS). The interface with AMCISS provides that system with a file for validation of current supply job orders and provides SOMARDS (System ID 1961) with a file that is used to create various types of commitment, obligation, and expense transactions for update to the SOMARDS accounting files.

b. Automated Time Attendance and Production System (ATAAPS). The interface with ATAAPS provides that system with a labor job order file for validation of current labor job orders. In addition, the interface provides an ATAAPS passing file to SOMARDS that is used to create skeleton header records and exception records on the labor master file. These records are then used in the daily labor, bi-weekly payroll, civilian accrual, and military labor processes.

*   c. Commodity Command Standard System Military Standard Contract Administration Procedure (CCSSMIL). The interface with System ID 405 provides a batch only update to the SOMARDS accounting files, using a CCSSMIL KEA record (converted by SOMARDS System ID 1916 to an SOMARDS TRNS-CD 511 (obligation) format). These records represent contracts that have been awarded through the procurement system.

d. Create On-line Procurement Work Directive (PWD) System (COPS). The interface with the COPS allows COPS System ID 862 to enter on-line commitment updates to the SOMARDS System 2000 (S2K) fund file, using a TRNS-CD 312, during System ID 1900 processing. In addition, all SOMARDS on-line transactions and batch System IDs that update COPS created commitment records (record contains a C in COMT-INFACE-CD), pass a wraparound record back to COPS on File ID DAH9AAF01, during System IDs 1905 and 1916 processing.

*   e. Data Element Management/Accounting and Reporting System (DELMARS). SOMARDS provides DELMARS information for all current month and next month disbursement and collection transactions that have updated the SOMARDS accounting files.

f. Defense Automated Addressing System (DAAS). The DAAS input File ID AKHGWF01 contains interfund summary and detail billing data for various supply issue and return transactions. This file is used to create various disbursement transactions for updating the SOMARDS accounting files.

g. Defense Civilian Pay System (DCPS). The DCPS interface provides an individual's payroll costs related to a specific payroll office and accounting activity on a bi-weekly basis. In addition, it provides data related the employee's header record. These data are used by SOMARDS for the accounting and reporting of civilian labor costs.

h. Departmental Database Expenditure (DDBE) Data Warehouse. The interface with the DDBE data warehouse provides that system with obligation information, excluding labor. System ID 1998 extracts data from the S2K.FUND file and generates transactions for File ID AK.AKPCTB01 as input to the DDBE data warehouse.

i. DCPS Accounting Classification. The DCPS accounting classification interface provides that system any accounting classification changes for a DCPS employee in the labor master file with the tables of distribution and allowances (TDA) job order that differs from the TDA job order that was in the labor master file the last time the interface was run.

j. DFAS. The DFAS provides SOMARDS multiple File IDs that are read by System ID 1906 and are used to generate SOMARDS File IDs that are used by the on-line and batch System IDs for editing transactions and for updating the SOMARDS accounting files. The SOMARDS files that are initially built, using the DFAS input files, during System ID 1906 processing are the Army management structure code, validation tables, and master EOR. For the validation tables file, only certain records are built during this interface: the functional cost account (FCA), management decision package (MDEP), disbursing station symbol number (DSSN), country code, reimbursable source code, and test resource management system number. This interface also provides SOMARDS a file containing valid labor element of resource (EORs).

*   k. DFAS Corporate Database (DCD). SOMARDS provides DCD with commitment, obligation, expense, and disbursement transactions. DCD stores these types of transactions to maintain historical balances of the accounting systems.

l. EC/EDI. This interface allows the Defense Travel System (DTS) and the International Merchant Purchase Authorization Card (IMPAC) system to provide transaction files that are read by System ID 1970. When the data passed from these systems are valid, commitment, obligation, and expense transactions are generated for updating the SOMARDS accounting files.

(1) When the data are rejected and the interfacing system is DTS, a reject record is returned to DTS for correction.

(2) When the data are rejected and the interfacing system is IMPAC, the rejected record is written to File ID DAKHALB01 for correction using SOMARDS reject re-entry processing.

*   m. Fuel Automated System (FAS). FAS provides SOMARDS (System ID 1960) commitment and obligation transactions to record fuel purchases received from the Defense Logistics Agency (DLA).

*   n. Headquarters Accounting Reporting System (HQARS). SOMARDS provides this interface with the regulatory report submissions to DFAS on a monthly basis.

o. Integrated Facilities System (IFS). SOMARDS has a three-way interface with the IFS. In System ID 1954, SOMARDS provides to the IFS a file containing valid job orders. In System ID 1913, the IFS returns to SOMARDS an IFS document file referencing SOMARDS job orders that SOMARDS uses to validate the input of IFS obligations and expenses in SOMARDS. In System ID 1955, SOMARDS reports to the IFS all IFS related obligations and expenses posted to the accounting files.

p. Maintenance Data Management System (MDMS) Commitments. The interface with the MDMS allows that system to pass automated commitments to SOMARDS for processing and to scan SOMARDS files for job order and obligation data.

q. MDMS Obligations. The interface with System ID 687 provides a batch only update to the SOMARDS accounting files in SOMARDS System ID 1916, using an MDMS provided transaction code (TRNS-CD) 511 (obligation) or TRNS-CD 540 (obligation/expense) input record. These records represent depot workload obligations that have been awarded through MDMS. The MDMS (System ID 693) also sends any changes to be made to the depot code field that exists in a corresponding commitment record in SOMARDS (System ID 1916).

*   r. Mechanization of Contract Administration Services (MOCAS). SOMARDS provides MOCAS with data from each daily execution cycle to perform a pre-validation of automated disbursements within the Accounting Pre-Validation Module (APVM). As part of this interface, SOMARDS maintains two VSAM files: the SOMAULOM, containing contract and accounting classification data, and the SOMAEARM, recording funds that have been earmarked for disbursement. SOMARDS receives transactions from MOCAS in the form of requests and approvals of disbursements and passes MOCAS a notification of funds available when a request transaction is received.

s. Medical Expense Performance Reporting System (MEPRS). The interface with the MEPRS is an extraction of medical related data, year to date obligations, and expenses from the unique and fund files.

t. Standard Industrial Fund System (SIFS). The interface allows for the SIFS to access the SOMARDS job order file to obtain accounting classification for SOMARDS supply job orders, and in System ID 1962, the SIFS provides to SOMARDS a file that contains billing data for various supply issue and return transactions.

*   u. Standard Financial System (STANFINS) Redesign Subsystem-1 (SRD-1). The interface with SRD-1 allows SRD-1 System ID 1414 to write certain records to File ID RAKODAB01 that are read by SOMARDS System ID 1960. This File ID contains the following SOMARDS transactions: disbursement, by us; progress payment, by us; collection, by us; advances, by us; and recoupment of advances, by us. SOMARDS will process these transactions in System ID 1916.

2.2 System Operation. Refer to paragraph 2.5 that lists all the SOMARDS Computer Operation MANUALS (OMs). These OMs contain system flowcharts depicting the flow of each System ID.

2.3 System Configuration. SOMARDS is designed to operate within the following:

Environment	Hardware/Software
Mainframe system	International Business Machines (IBM) compatible
Operating system (OS)	OS390
	job entry subsystem (JES) 2
	Customer Information Control System (CICS)
Data stores	S2K database management system (DBMS)
	virtual storage access method (VSAM)
	cyclic data management routine (CDMR)
Report production	Output Products System (OPS)

Note. The environment listed above is subject to change with each subsequent software change release.

2.4 System Organization. Refer to paragraph 2.5.

2.5 Performance. Detailed information is contained in ADSMs 18-LCD-JBM-ZZZ-OM-806, 828, and 834, 18-C99-JAQ-ZZZ-OM-1900, 1901 through 1906, 1908 through 1913, 1916 through 1919, 1922 through 1928, 1931 through 1937, 1939 and 1940, 1942 through 1948, 1951, 1953 through 1955, 1960 through 1963, 1965 through 1967, 1970 through 1979, 1987 through 1993, 1997, and 1998. Refer to paragraph 1.2.5 for the title of these manuals.

2.6 Database. Transactions used by this system update S2K and VSAM files. Refer to appendix B for file layout descriptions. File definitions are provided in section 3.

   a. SOMARDS has five S2K files. They are:

S2K.FUND	System 2000 fund
S2K.GNLR	System 2000 general ledger
S2K.HIST	System 2000 history
S2K.ISAC	System 2000 interfund suspense account
S2K.LBRM	System 2000 labor master

   b. SOMARDS has 25 VSAM files. They are:

SOMAACCL	standard operations and maintenance (SOMA) Army accounting class
SOMABILC	SOMA bill cycle
SOMABILL	SOMA bill
SOMABLKC	SOMA block control
SOMABLKT	SOMA block ticket
SOMACCMV	SOMA cost center manager validation
SOMADIST	SOMA distribution
SOMADOVT	SOMA disbursing officer voucher number table
SOMAEARM	SOMA earmark
SOMAFMNT	SOMA file maintenance
SOMAGLAC	SOMA general ledger account code
SOMAIFSD	SOMA integrated facilities system document
SOMALBCC	SOMA labor cost center
SOMALBRD	SOMA labor detail
SOMALJOR	SOMA labor job order
SOMAMEOR	SOMA master EOR
SOMAMSCD	SOMA management structure codes
SOMARATE	SOMA rate
SOMAREPT	SOMA report
SOMASEOR	SOMA standard EOR

SOMATBLS   SOMA tables
SOMAUATH   SOMA user authority
SOMAULOM   SOMA unliquidated obligations master
SOMAUNIQ   SOMA unique

2.7 General Description of Inputs, Processing, Outputs. a. Inputs. Access to SOMARDS is accomplished through on-line and batch processes and is controlled by information contained in the user authority file. Inputs and files are normally tied to a command designator (CMD-DSG). This one-position code identifies the owner of the transaction or file. Refer to appendix C for a listing of valid CMD-DSGs.

(1) On-line input transactions are accomplished by the use of a main menu screen that requires the entry of key information along with the desired TRNS-CD. The main menu screen requires the input of control data such as the user authority key, CMD-DSG, update code, feedback code, process action code, and in most cases block control information.

(2) Many SOMARDS transactions are validated against various control files that must be established prior to using the system. Some of these files are provided periodically by DFAS and are updated to the current files through batch System IDs on an as required basis. Other files serve as a repository for user unique information and are used by batch processes in making decisions and in completing transaction generation. All validation files have on-line input capability. Validation transactions are available for maintaining tables for Army management structure (AMS) codes, accounting class information, country codes, EORs, MDEP codes, source codes, DSSNs, labor default job order, billing rates, reimbursable addresses, overhead distribution rates, base operation rates, cost center managers, leave accrual percentages, and for maintaining a command/operating agency controlled unique file.

(3) Input into daily labor and the civilian bi-weekly labor process includes extracted employee data from the DCPS and by labor exceptions entered for the bi-weekly pay period from the ATAAPS interface. The civilian accrual and military labor processes primarily use data stored in the SOMAUNIQ file and the S2K.LBRM file, although labor exceptions may be entered for the processing period. Labor exceptions for daily labor, the bi-weekly pay period, the civilian accrual processing period, or the military processing period comes from the ATAAPS interface or can be modified by the on-line input of TRNS-CD 811.

(4) Data contained in the S2K.GNLR can be established or deleted by the general ledger account build transaction (TRNS-CD 880). Adjustments to the S2K.GNLR can be entered by the general ledger journal voucher transaction (TRNS-CD 881) or by the accounting transactions that update the SOMARDS accounting files.

(5) Outside of direct input for batch edit processing, all SOMARDS special processes are in batch mode and should be scheduled whenever the need arises.

(6) SOMARDS reports are generated from daily, monthly, and as-required System IDs. These System IDs are scheduled as desired by the user command (UC).

(7) SOMARDS interfaces are a result of on-line and batch transaction input or a result of System IDs.

(8) All SOMARDS cost processes are processed in batch mode and should be scheduled whenever the need arises.

b. Processing. Each System ID within SOMARDS performs specific functions that build, enhance, and supplement the accounting file build and reporting functions of SOMARDS.

(1) The on-line and batch transaction input process provides the capability to edit, validate, and update accounting transactions to SOMARDS tables and files.

(2) The batch edit process provides the ability to enter most SOMARDS transactions in batch mode rather than using the on-line input capability of SOMARDS. Basic edits are performed in the same manner as for those transactions entered on-line. This process allows the user to bridge data from other systems into SOMARDS.

(3) File maintenance allows the user to change or correct data previously updated to the SOMARDS accounting files. All file maintenance transactions are entered and are updated on-line.

(4) Reject re-entry provides the capability to correct transactions that rejected during the batch daily update process. Reject correction is performed on-line where the original input transaction is returned to the screen for corrective action.

(5) The bi-weekly civilian labor process uses active employee bi-weekly payroll data from the DCPS gross pay reconciliation file, establishes and maintains employee records in the S2K.LBRM file, computes and distributes payroll costs, including government fringe benefits, to the employee's assigned standard and/or leave JO-NOs or to labor exception JO-NOs entered for the pay period, and records the distributed cost in the labor detail file. The process then summarizes the detail records containing the distributed payroll by JO-NO, EOR, and cost center manager to produce transactions and update the funds control file.

(6) Monthly, the accrual process is run to compute accrual labor hours and dollars, and the military pay process is run to compute military hours and dollars. These two processes are similar to the bi-weekly process in that the computed hours and dollars are distributed to the employee's assigned standard or leave JO-NOs or to labor exception JO-NOs entered for the accrual or military pay period.

(7) The daily labor process computes labor costs on a daily basis similar to the bi-weekly labor process using the most current data in the S2K.LBRM file. These costs are updated to the accounting files and reconciled in the bi-weekly labor process.

(8) The overhead distribution process provides the capability to pass to customer accounts overhead charges for indirect labor based on any additional labor hours and multiple overhead rates within a specific mission overhead code.

(9) The base operations rate (BOR) distribution process distributes base operations costs to automatic reimbursable orders for OMA in the current fiscal year. Base operations costs are those incurred in the operation of functions such as supply operations, maintenance of utilities, maintenance and repair of real property, minor construction, other engineering support, and administration.

(10) The FMS administrative costs process increases current expenses recorded for FMS direct cite administrative work efforts by the application of fringe benefit, and in some cases leave/holiday add-on costs, directly to FMS job order records. These job order records are those where the associated resource record contains an appropriation symbol equal to 8242 and the resource type finance code is equal to 1 (direct).

(11) Month-end processing closes the current month and conditions the files for next month processing.

(12) Order writedown procedures can be used to writedown customer orders to the higher of obligations or earnings at any time or at year-end.

(13) Commitment writedown procedures can be used to writedown commitments at any time or at year-end.

(14) The history file update purges records from the S2K.FUND to the S2K.HIST file.

* (15) Year-end processing closes the current year and conditions the files for the next year's processing. Appendix I contains detailed information regarding the applications that are executed at year end and provides a proposed sequence for execution. There are two scenarios provided, because the relevant remarks and required SOMAUNIQ settings vary depending upon whether or not the command executes the automated split pay process.

c. Outputs. Reports are produced in many different forms and frequencies.

(1) On a daily basis, there are reports that provide information on valid transaction input, summary of general ledger effects, cash flow, rejects, file imbalances, suspected duplicate transactions, block control register, and block ticket control register out of balance.

(2) On a monthly basis, there are reports and tapes produced for regulatory reporting to higher headquarters, and the general ledger trial balance. The trial balance is also produced on a yearly basis after all closing entries have been made to the S2K.GNLR, to provide the user the status of all general ledger account data for the beginning of the fiscal year.

(3) On an as-required basis, there are many management reports providing information on funds control, execution accounting, distribution of costs and cost transfers, aged commitments and accounts receivable, reimbursable billing documents, outstanding travel advances, general ledger reconciliation, civilian and military labor reporting, and various file and table prints.

SECTION 3. STAFF FUNCTIONS RELATED TO TECHNICAL OPERATIONS

3.1 Initiation Procedures. Access to SOMARDS is achieved by the entry into CICS for on-line input or by the scheduling of batch programs. Refer to ADSM 19-C99-JAQ-ZZZ-UM-02 for a detailed explanation of logon procedures to access SOMARDS. On-line entry procedures may vary from one location to another; therefore, logon procedures discussed in that UM begin from the user's entry into CICS. For command-unique access into CICS and for batch input, contact the local ADP Director of Information Management (DOIM).

3.2 System Processing.

3.2.1 Concepts and Capabilities. SOMARDS provides for normal daily, monthly, and as-required input processing, reporting and special processing functions using both on-line and batch System IDs. It provides the user with the ability to determine how various files were updated and the status of individual transaction updates. It also provides users the capability to build tables and files that validate input elements and to store accounting and general ledger account data on databases for the production of regulatory reports and the general ledger trial balance. It optimizes automated transaction input by providing for system interfaces from various outside sources.

3.2.2 Major Files. a. Description of SOMARDS VSAM files.

(1) SOMAACCL. This file is generated by System ID 1975 and is used as input by the DCPS to update employee records with the proper accounting classification data. It contains accounting classification information assigned at the employee, organization, and/or employing activity level. An installation should run System ID 1975, create this file, and send this file to the DCPS whenever one or more employees have changes in their accounting classification data, that is, TDA JO-NO. After the DCPS receives this file, they will update their accounting records and the proper accounting classification data will be sent to Departmental Reporters and Treasury.

(2) SOMABILC. This file is generated by System ID 1934 and contains a header and detail records for each bill type (BILL-TY) C, I, and S that requires additional processing in System ID 1976. System ID 1976 generates collection and disbursement transactions, based upon information extracted from the SOMABILC, and then deletes the records from the file and, in some cases, routes the records to another region for subsequent processing. System ID 1977 merges SOMABILC records routed from one region into the existing SOMABILC of the routed to region. On-line TRNS-CDs 860, 861, and 862 can be used to manipulate this file. TRNS-CD 860 displays all of the bill numbers contained in the file. TRNS-CD 861 changes header record information and marks the records for subsequent release or deletion by System ID 1976. TRNS-CD 862 changes and deletes detail records in the file.

(3) SOMABILL. This file is generated by System ID 1962 and contains a header and detail records identifying billing data for supplies and equipment, based upon information passed from SIFS. During System ID 1962 processing, the SOMABILL is compared to the SOMADOVT and, if certain conditions exist, System ID 1962 generates SOMARDS disbursement transactions and then removes the records from both files. System ID 1947 provides a file print of the SOMABILL.

(4) SOMABLKC. This file contains two types of records that store the block control information: block records and batch records. The records are created or changed on-line using TRNS-CD 004. Records can be queried on-line, using TRNS-CD 003, to compare actual amounts entered for a particular block/batch with the targeted amounts entered on TRNS-CD 004. System ID 1905 accesses this file, in conjunction with the SOMABLKT file, to route transactions to other System IDs for additional batch processing; System ID 1918 accesses this file for report generation; and System ID 1927 deletes qualifying records from this file.

(5) SOMABLKT. This file contains a record for each transaction that is block ticket controlled and input into the system using System ID 1900. Records can be queried or deleted on-line, using TRNS-CD 002. System ID 1905 accesses this file, in conjunction with the SOMABLKC file, to route transactions to other System IDs for additional batch processing; System ID 1918 accesses this file for report generation; System ID 1927 deletes qualifying records from this file, and System ID 1969 produces the SOMARDS cumulative block ticket report that displays key data contained in the SOMABLKT file.

(6) SOMACCMV. This file contains a record for each valid cost center manager (up to six pos) for each command that uses this database. If the CMD-CCM-VAL-SWTCH in the SOMAUNIQ file equals Y, the system will validate the entered cost center manager on each input execution transaction.

(7) SOMADIST. This file contains two record types, one for base operation distribution used by System ID 1928, and the other for cost distribution used by System ID 1931.

Record Type	Source of Input
BOR-SRC-CD-HDR & DTL-RECORDS	TRNS-CD 827
COST-DIST-HDR & DTL-RECORDS	TRNS-CD 838

(8) SOMADOVT. This file is used by System ID 1962 and provides for the disbursing officer voucher number and date, and block ticket number and date when generating a disbursement transaction related to an SIFS bill number. The data elements in this file are populated by TRNS-CD 820.

(9) SOMAEARM. This file is used in the prevalidation process (System ID 1982). It contains references to detail records that were originally received from DFAS-Columbus requesting authority to process disbursements.

(10) SOMAFMNT. This file is used as an audit trail for each file maintenance transaction entered into the system. When any field in the S2K.FUND file is changed using one of the on-line file maintenance transactions, System ID 1900 adds a record to this file. System ID 1949 provides a file print of the SOMAFMNT.

(11) SOMAGLAC. This file contains all the valid general ledger account numbers (GL-ACCT-NOs) that can be updated in SOMARDS. In addition, the GL-ACCT-NO's corresponding debit or credit code and nomenclature are included in the file. This file is accessed in System IDs 1900 and 1960 to validate GL-ACCT-NOs entered using TRNS-CD 881 to update the S2K.GNLR file journal voucher entries. System ID 1900 also validates GL-ACCT-NOs entered on-line using TRNS-CD 880 to add GL-ACCT-NOs to the S2K.GNLR file. System IDs 1922, 1939, and 1992 access the SOMAGLAC file to obtain each GL-ACCT-NO's debit/credit code and nomenclature when producing the general ledger trial balance reports.

(12) SOMAIFSD. This file contains valid IFS document numbers that can be entered on execution input transactions. It also provides for the job order and sub job order related to the document number.

(13) SOMALBCC. This file is used by the daily labor process (System ID 1908). It is used to determine which cost centers are daily labor applicable, whether actual or average rates should be used in daily labor calculations, and whether the reconciliation that takes place in the bi-weekly labor process (System ID 1902) should use actual or variance JO-NOs. This file will be established by the user by transaction code 812. The cost center is the key to the file and the user determines the number of significant digits to enter (one to six digits in length). The user also chooses the type of rate. The system will recognize three types of rates: actual, average updated by the system, and average entered by the user and not updated by the system. If the user chooses to use the average rate updated by the system, the system will update the average rates for hourly, overtime, and fringe benefits only. Average rate calculations performed by the system will be based on the sum of each rate divided by the total number of employees assigned to the cost center.

(14) SOMALBRD. This file contains all those labor detail records at the social security number level that have been entered into the system from any labor process or input transaction code. Transactions that update this file can be identified by the labor process code (LBR-PROC-CD). Some transactions such as those for equipment rental and service order material cost will not update this file. This file is used to generate labor reports for System ID 1911.

(15) SOMALJOR. This file contains three record types: the JO-NO (JO-NO) record, the cost center manager default JO-NO record, and the social security account number (SSAN) default JO-NO record. The JO-NO record is built for all non-bulk JO-NOs during System ID 1900 and System ID 1916 processing, whenever TRNS-CD 832 (job order build) is entered. The cost center manager default JO-NO record is built during System ID 1900 processing, whenever TRNS-CD 824 (standard labor default job order build) is entered. The SSAN default JO-NO records are built for each TDA, standard (maximum of three) and leave JO-NO (maximum of three) entered during System ID 1900 processing using TRNS-CD 810 (employee header record update). The SOMALJOR is used primarily for two purposes during both batch and on-line processing: basic edits for the JO-NO element and default labor processing. The file is automatically rebuilt for next fiscal year processing on an annual basis during System ID 1942 processing. The SOMALJOR is reconciled with the S2K.FUND, S2K.LBRM, and SOMATBLS files during System IDs 1963, 1965, and 1966 processing, respectively.

(16) SOMAMEOR. This file contains EOR information. The records in the file are built, using input data provided by DFAS-IN, during System ID 1906 processing. The file contains each valid EOR, with the corresponding WI-FED-GOVT-CD, and the beginning and ending fiscal years during which it is valid. The file is accessed during on-line and batch processing to edit input EORs.

(17) SOMAMSCD. This file contains AMS-CD information. The records in the file are built, using input data provided by DFAS-IN, during System ID 1906 processing. The file contains valid AMS-CDs, with corresponding accounting classification information, and indicators that are used for generation of the AMS-CD during the regulatory and general ledger report process (System IDs 1922 and 1990). The file is accessed during on-line and batch processing to edit input accounting classification information. The SOMAMSCD file is reconciled with the S2K.FUND file during System ID 1997 processing.

(18) SOMARATE. This file contains five record types that contain rates and percentages used in the various processes that calculate or distribute costs.

Record Type	Source of Input
EQUIP-CD-RECORD	TRNS-CD 809
BILL-RATE-RECORD	TRNS-CD 813
OVERHEAD-DIST-RECORD	TRNS-CD 814
DLR-CRED-PCT-RECORD	No longer used
BOR-STD-RATE-RECORD	TRNS-CD 826
LEAVE-ACCRUAL-RECORD	TRNS-CD 828

(19) SOMAREPT. This file contains information that is used to produce the hardcopy and card submissions for the regulatory reports and the general ledger trial balance. System ID 1922 generates records that are consolidated during System ID 1990 processing and passed to System ID 1991. System ID 1991 deletes the existing SOMAREPT file and rebuilds a new file, using the records passed from System ID 1990. Records can be added, changed, or deleted from the SOMAREPT file on-line using TRNS-CD 864 during System ID 1900 processing. The file can then be accessed during System ID 1992 processing to produce the hardcopy reports and during System ID 1993 processing to produce the card submissions for the regulatory reports and the general ledger trail balance.

(20) SOMASEOR. This file contains labor EOR information. The records in the file are built and maintained by DFAS-IN. The file contains each valid EOR with the corresponding required labor information. The labor information that determines the EOR assignment includes work schedule, temporary position code, civilian type code, employee type code, and type hours. The file is accessed during on-line and batch processing to perform the assignment of the proper EORs and to edit input EORs

(21) SOMATBLS. This file contains 15 different record types that are used to validate input into SOMARDS. All of the record types (except the country code record) can be added, changed, or deleted on-line during System ID 1900 processing. Some of the record types are built initially, using data provided by DFAS-IN, during System ID 1906 processing. The country code record is built, using data provided by DFAS-IN, during System ID 1906 and cannot be changed on-line. The following chart displays each record type and its source of input: DFAS-IN (System ID 1906) and/or the related on-line transaction code (System ID 1900):

Record Type	Source of Input
FCA	DFAS-IN and TRNS-CD 891
APPROPRIATION ALLOTMENT SERIAL NUMBER	TRNS-CD 803
MDEP	DFAS-IN and TRNS-CD 893
DSSN	DFAS-IN and TRNS-CD 894
CIVILIAN TYPE	TRNS-CD 815
UIC	TRNS-CD 816
COUNTRY CODE	DFAS-IN
REIMBURSABLE SOURCE CODE	DFAS-IN and TRNS-CD 895
REIMBURSABLE ADDRESS	TRNS-CD 819
DCPS INTERFACE	TRNS-CD 822
DEFAULT JOB ORDER	TRNS-CD 824
DODAAC CMD-DSG LOOKUP TABLE	TRNS-CD 825
TEST RESOURCE MGT SYSTEM NUMBER	DFAS-IN and TRNS-CD 829
OP-AGCY/COST-CENTER-MANAGER	TRNS-CD 863
REIMBURSABLE PROJECT ACCOUNT	TRNS-CD 865

(22) SOMAUATH. This file contains a header and detail record for each authorized SOMARDS user. It is accessed during System ID 1900 processing to validate the user's authority to access the input transaction. Records are added, changed, and deleted from the SOMAUATH file, using TRNS-CD 001, during System ID 1900 processing.

(23) SOMAULOM. This file is used in the prevalidation process (System ID 1982). It contains records that were originally received from System ID 1918. These records are updated each time that an obligation or disbursement is processed against a contract obligation. It also has fields that are updated (earmarked) when a request for disbursement is received from MOCAS (DFAS-Columbus).

(24) SOMAUNIQ. This file contains two record types: a system record and command records. The system record contains unique values that are applicable to all of the CMD-DSGs processed in the region. Each command record contains the unique values that are applicable to a specific CMD-DSG processed in the region. These records are built, using TRNS-CD 801 (system record) and TRNS-CD 802 (command records), during System ID 1900 processing. The SOMAUNIQ file is accessed by the on-line process (System ID 1900) and nearly every batch process. It contains such things as period dates, starting values, military pay data, switches, and parameters that are used for editing and processing.

   b. Description of SOMARDS S2K files.

   (1) S2K.FUND. This file is a hierarchical database that is used to control funds. Annual program, quarterly funds, advances, commitments, obligations, expenses, disbursements, accounts receivables, collections and unfunded costs are recorded. The database can be accessed and updated, using on-line transactions, during System ID 1900 processing. It can also be accessed and updated using many of the batch processes described in this manual.

   (2) S2K.GNLR. This file is a hierarchical database that is used to maintain the general ledger accounts. It contains accounting classification information and all of the corresponding general ledger account numbers along with such things as the related normal balance, opening and cumulative balance, and current and next month debits and credits. The S2K.GNLR file is updated, during System ID 1989 processing, with the general ledger effects of the accounting transactions processed against the S2K.FUND file. It is updated, during System ID 1922 processing, with the general ledger effects of related Commodity Command Standard System (CCSS) accounting transactions. General ledger accounts can be added or deleted from this file on-line, using TRNS-CD 880, during System ID 1900 processing. Journal voucher entries can be added or updated in this file on-line, using TRNS-CD 881, during System ID 1900 processing. System ID 1924 clears certain values from the file on a monthly basis, and System ID 1939 posts the year-end closing entries to the ledger. The S2K.GNLR file is reconciled with the S2K.FUND file during System ID 1972 processing.

   (3) S2K.HIST. This file is a hierarchical database that is used to maintain detailed transaction information substantiating the summary level data recorded in the S2K.FUND file. The S2K.HIST file is only updated in a batch mode, during System IDs 1937 and 1988 processing.

   (4) S2K.ISAC. This file is a hierarchical database that is used by System ID 1978 to maintain the details of interfund bills that were received from DAAS but suspended when the disbursement could not be recorded in the S2K.FUND file because no obligation existed. It is used to clear records in the suspense account in data element management/accounting reporting system (DELMARS) when the corresponding obligation is created and the disbursement is posted or a credit is received.

   (5) S2K.LBRM. This file contains header records for all employees on the database. These header records contain information such as SSAN, employee name, CMD-DSG, assigned cost center manager, required JO-NOs, base hours, hourly rate, and overtime rate. This file also holds all exception records entered for the current pay period, next pay period, and/or accrual period including those processed for daily labor. In addition, year-end accrual records are displayed on this file when applicable. All labor processes use this file to access pertinent employee data and/or exception records to perform calculations within the System ID and to perform reconciliation's between interfaces and other System IDs.

3.2.3 Operations.

3.2.3.1 System ID 806, Army Procurement Appropriations Monthly Reports Process. This System ID reads the S2K.FUND file and the SOMAUNIQ file. It extracts records when the appropriation equals APA and sorts the data necessary to produce two reports that are required for procurement appropriations released by AMC and received at a general operating agency (GOA).

a. APARS Status of Suballocations, PCN B10AXX0024M. This report consists of AMC level data and dollar values and installation level data under AMC procurement request order number (PRON) and dollar values (requirement control symbol (RCS) CSCFA-208). This report is produced from File ID MAKAEZF01, Sorted Records Suballocations/Reimbursements.

b. APARS Status of Reimbursements, PCN B10AXX0034M. This report is also produced from File ID MAKAEZF01, Sorted Records Suballocations/Reimbursements. System ID 806 reports the status of customer orders required under RCS CSCFA-210.

3.2.3.2 System ID 828, APA Execution Extract. System ID 828 extracts data from the UC's SOMAUNIQ and the S2K.FUND files. The values produced are for each AMC PRON contained in the S2K.FUND database.

a. The extracts, composed of direct Army PRONs, customer PRONs, unapplied reserve PRONs, merged PRONs, and dollar value calculations are written to AMC execution data to File ID AK.AKGAAB01, Information Systems Command (ISC) execution data to File ID AK.AKGAAB02, and AMC forecast data to File ID AK.AKGAAB03.

b. All File IDs are routed to the user for review.

c. This System ID can be run as required.

3.2.3.3 System ID 834, User Command Requisitions, Process F36, SOMARDS Fund Certification. This is the SOMARDS process in System ID 834 that performs automated funds certification as described in ADSM 18-LFA-JAX-ZZZ-UM-07. SOMARDS returns a fund certification code (FD-CERT-CD) to System ID 834 as described in the following table:

FD-CERT-CD returned to System ID 834	SOMARDS condition related to FD-CERT-CD
3	Funds certified.
E	The JO-NO is found in the fund file and the ancestor RESR-PROG-YR is CCCC.
M	The EXT-DOL-VAL, UPRICE, or COMT-QTY are not numeric, UNCOMT-FUNDS are less than EXT-DOL-VAL, or UNCOMT-QTRLY-FUNDS-CFI are less than EXT-DOL-VAL passed from System ID 834.
S	The RQN-NO is spaces or is found in the fund file.
T	The JO-NO is spaces, the JO-NO is not found in the fund file, the CMD-DSG does not equal RESR-CMD-DSG, the CMD-DSG is not found in SOMAUNIQ, or the CMD-DSG equals Z.
W	The EOR is not found in the SOMAMEOR file, the EOR is closed, or the MEOR-WI-FED-GOVT-CD is equal to O.

a. Following is the transaction image (TRANS-IMAGE) and the system assigned values for the generated TRNS-CDs 342 and 520:

ELEMENT	PIC	POSITION	VALUE ASSIGNED
CMD-DSG	X(01)	1	S2K.FUND CMD-DSG.
TRNS-CD	X(03)	2-4	520 if S2K.FUND COMT-CFI minus S2K.FUND COMT-OBLG-CFI is greater than EXT-DOL-VAL passed from System ID 834. Otherwise assigned 342.
PROC-ACT-CD	X(01)	5	2.
INP-ACT-CD	X(06)	6-11	I00000.
BLK-TKT-NO	X(07)	12-18	999A834.
BLK-TKT-DT	X(08)	19-26	Systems date in CCYYMMDD format.
UPDT-CD	X(02)	27-28	CM if system date is less than or equal to SOMAUNIQ SYS-END-PD-DT. Otherwise assigned NM.
JO-NO	X(06)	29-34	JO-NO passed from System ID 834.
COST-CEN-MGR	X(06)	35-40	S2K.FUND JO-COST-CEN-MGR.
COMT-REF-NO	X(14)	41-54	Positions 1-6 equal JO-NO. Positions 7-9 equal 'RQN.' Positions 10-14 equal spaces.
EOR	X(04)	55-58	EOR passed from System ID 834.
RQN-NO	X(14)	59-72	RQN-NO passed from System ID 834.
NSN	X(15)	73-87	NSN passed from System ID 834.
DUPPL-ADD	X(06)	88-93	SUPPL-ADD passed from System ID 834.
PROJ-CD	X(03)	94-96	PROJ-CD passed from System ID 834.
UM	X(02)	97-98	UM passed from System ID 834.
ACT-AMT	S9(11)V99	99-111	EXT-DOL-VAL passed from System ID 834.
DOCU-DT	X(08)	112-119	Systems date in CCYYMMDD format.
JV-NO	X(06)	120-125	spaces.
QTY	S9(09)	126-134	QTY passed from System ID 834.

ELEMENT	PIC	POSITION	VALUE ASSIGNED
OBLG-STAT-CD	X(01)	135	1.
SUB-JO-NO	X(08)	136-143	Spaces.
WI-FED-GOVT-CD	X(01)	144	F.
UPRICE	S9(11)V99	145-157	Calculated by dividing ACT-AMT by QTY.
FILLER	X(143)	158-300	Spaces.

b. S2K.FUND File Updates. The S2K.FUND file updates for the generated TRNS-CDs 342 and 520 are contained in ADSM 18-C99-JAQ-ZZZ-UM-02.

3.2.3.4 System ID 1900, Standard Operations and Maintenance Army On-line Process. This System ID performs all basic edit checks for both process action codes (PROC-ACT-CDs) 1 (on-line update) and 2 (batch update) input transactions. Basic edit include both VSAM files and table validations. When an input transaction is marked for on-line processing (PROC-ACT-CD equals 1), S2K file validations are performed before the transaction is allowed to process. If the transaction passes basic edits and file validations, it will be updated to the S2K.FUND file. If the transaction fails edit checks or file validations, an error message is immediately returned to the screen for corrective action. An SOMABLKT file record is created for all valid transactions that may or may not require further batch processing. If no further batch processing is required, a D is entered by the system in the TO-BE-PROC-IND field of the record written to the SOMABLKT file; otherwise, a B is moved in to indicate further processing is required. When an input transaction is marked for batch processing, only the basic edit checks are performed. An SOMABLKT file record is created and a B is entered by the system in the TO-BE-PROC-IND field. All input transactions will appear on the SOMARDS daily transaction register (DTR) and block control reports (if block controlled) which are output products of System ID 1918. If applicable, detail transactions are updated to the S2K.HIST when System 1988 is run and the general ledger effects determined by System ID 1918 are updated to the S2K.GNLR file when System ID 1989 is run. Refer to these System IDs for detailed information. Refer to ADSM 18-C99-JAQ-ZZZ-UM-02 for a description of all transactions processed by this System ID.

3.2.3.5 System ID 1901, SOMARDS Fund Out of Balance Report. System ID 1901 selects program and resource records in the S2K.FUND file where obligation or unliquidated obligation imbalances are found and identifies these program and resource records on a hardcopy report, SOMARDS fund out of balance report. The report is divided into two sections.

a. Obligation Out of Balance.

(1) Program records where the PROG-YR (C10) does not equal CCCC are selected. When obligations at the resource, commitment, EOR, or detail obligation levels do not equal the program level obligations, then this program level record is included in this section of the report.

(a) To compute the corresponding resource and descendant commitment, EOR, and detail level obligations, the process selects resource records where the MGR-RESR-REF-REC (C303) equals A, Y, D, or C.

(b) To compute the commitment level obligations, the sum of JO-COMT-RET-CFI (C516) is added to the commitment level obligations.

(c) To compute the detail level obligations, the sum of RESR-RET-CFI (C371) is added to the detail level obligations.

(2) The report provides the following from the S2K.FUND file: program control key, program customer order number, program obligations, resource obligations, commitment obligations, the sum of EOR obligations, and the sum of detail obligations. All obligation amounts reflected are cumulative from inception. Grand totals are provided for each CMD-DSG.

b. ULO Out of Balance.

(1) Resource records where the PROG-YR (C10) does not equal CCCC and the MGR-RESR-REF-REC (C303) equals A, C, D, or Y are selected. When unliquidated obligations at the commitment, EOR, or detail obligation levels do not equal the resource level unliquidated obligations, this resource level record is included in this section of the report.

(2) The report provides the following from the S2K.FUND file: manager resource reference number, resource unliquidated obligations, commitment unliquidated obligations, the sum of EOR unliquidated obligations, and the sum of detail unliquidated obligations. All unliquidated obligation computations are based upon the cumulative from inception obligation and disbursement values. Grand totals are provided for each CMD-DSG.

*3.2.3.6 System ID 1902, Labor Standard Army Civilian Pay System Update Process. The labor pay process takes individual payroll costs from the DCPS interface, System ID 1974 (which reside on the same File ID), and applies these costs to SOMARDS standard, leave, and exception job orders by work type. Individual costs are then summarized and updated to the S2K.FUND file by commitment obligation expense disbursement (COED) type transactions. Detailed labor information is updated to the SOMALBRD file.

a. The pay period end date in the first extracted employee record is compared to the pay period end date in the SOMAUNIQ file to avoid duplicate processing of the same bi-weekly payroll. The process is aborted if dates do not match. The pay period end date in the SOMAUNIQ file is then updated to the next bi-weekly payroll end date.

b. All records are sorted in SSAN sequence.

c. As the sorted employee records are processed, the SSAN in each record is compared to the SSANs in the other sorted records and to the SSANs in the employees' records established in the S2K.LBRM file. If a duplicate record is encountered, the process will combine the hours and dollars for these records and will update the S2K.LBRM file with only one combined record.

d. The extracted DCPS hours and dollars for each work type hours (TY-HRS) are processed individually. A complete listing of TY-HOURS can be found at appendixes D and E. In the absence of labor exceptions, the hours and dollars for each work type and the associated government benefit costs are distributed to standard and leave JO-NOs established in the employee's record in the S2K.LBRM file and to JO-NOs in generated records containing productive and non-productive work types. When labor exceptions are entered for the pay period, they update the employee's record in the S2K.LBRM file. See System ID 1971 for a complete description of this process. Distribution is made to the labor exception JO-NOs contained in the employee's record in the S2K.LBRM file, and in labor exception and/or generated records containing productive and non-productive TY-HRS. As the hours and amounts are distributed, the system generates a record for each new TY-HRS/JO-NO combination. The created record contains the JO-NO, TY-HRS, and the distributed hour and dollar value. Specifically, hour and dollar amounts of each work TY-HRS are distributed as follows:

(1) When labor exceptions are not entered for the bi-weekly pay period.

(a) The hour and dollar amounts for these productive work type hours are distributed to standard JO-NOs based on the percentage assigned each JO-NO.

Work Type	TY-HRS
Regular Work	01

(b) The hour and dollar values for these non-productive work type hours are distributed to leave JO-NOs based on the percentage assigned each JO-NO.

Work Type	TY-HRS
Annual Leave	0A
Sick Leave	0D
Holiday Leave	0H
Other Leave	0K
Compensatory Leave	0T

(c) These government benefit costs and other costs treated as employer contributions are distributed to JO-NOs in each generated record containing productive and non-productive work type hours. Amounts are prorated based on the hours in each record to total productive and non-productive hours.

Work Type	TY-HRS
Overseas Allowance	0B
Foreign Differential	0E
Physicians Allowance	0F
401K and Non-Appropriate Fund Retirement	0I
Civil Service Retirement System	0J
Federal Insurance Contributions Act	0L
Federal Employee's Retirement	0M
Federal Employee Government Life Insurance	0N
Federal Employee Health Insurance	0P
Tropical Differential	0Q
Medicare	0U
Thrift Savings Plan	0Y
Cost of Living Allowance	1A
Danger Pay	1C
Staffing Differential	1D
Retention Allowance	1E
Supervisory Differential	1F
Foreign Language Capability	1G
SEGURO - Health	1M
SEGURO - Social	1N

(d) The hour and dollar values for these type hours are distributed to JO-NOs in each created productive record. Values are prorated based on the hours in each record to total productive hours.

Work Type	TY-HRS
Night Differential	03
Standby Premium (firefighter only)	04
Sunday Premium	06
Hazardous Duty	07

(e) The hour and dollar amounts for these type hours are distributed to standard JO-NOs based on the percentage assigned each JO-NO.

    Work Type   TY-HRS

Work Type	TY-HRS
Overtime	02
Holiday Worked	05
Other Pay	0R

(f) The hour and dollar values for these type hours are distributed to leave JO-NOs based on the percentage assigned each JO-NO.

Work Type	TY-HRS
Terminal Lump Sum Leave	0W
Compensatory Leave Hours Paid	09

(g) The hour and dollar amounts for this work type hours are distributed to standard and leave JO-NOs based on the percentage assigned each JO-NO. Records generated for the standard JO-NOs contain positive values, those generated for the leave JO-NOs contain negative values.

Work Type	TY-HRS
Compensatory Leave Earned	08

(h) The dollar values for these work type hours are distributed to the standard JO-NOs based on the percentage assigned each JO-NO.

Work Type	TY-HRS
Severance Pay	0G
Interest on Back Pay Awards	0O
Separation Incentive Pay	0V
Standby Pay	0S
Relocation Bonus	1K
Recruitment Bonus	1L

(i) The dollar values for these work type hours are to be distributed to the standard JO-NO based on the percentage assigned each JO-NO. However, if the CASH-AWD-JO-NO is filled in the S2K.LBRM file, distribution will be made to the CASH-AWD-JO-NO.

Work Type	TY-HRS
Cash Awards	0C
Productivity Awards	1J

(j) The hour values for these non-paid work type hours are to be distributed to the SOMAUNIQ CMD-NONPD-LV-NO, if filled. Otherwise, the TDA-JO-NO will be used.

Work Type	TY-HRS
Leave Without Pay (LWOP)	KA
Suspension	KB
Absent Without Leave(AWOL)	KC
Office of Worker Compensation Program (OWCP)	KD
Furlough	KE
Non-Duty Within Regular Schedule	KF
Military Furlough (called to active duty)	KG

(k) The hour and dollar amounts for this work type hours are distributed to standard JO-NOs based on the percentage assigned each JO-NO.

Work Type	**TY-HRS**
Availability Premium Pay	1P

(l) The dollar amounts for this work type hours are distributed to standard JO-NOs based on the percentage assigned each JO-NO.

Work Type	**TY-HRS**
Remote Site Allowance	00

(2) When labor exceptions are entered for the bi-weekly pay period, the hours for each work type in the DCPS extracted record are compared to the total hours in labor exception records containing the same work type. TY-HRS 1P will not be included in this comparison as exception records cannot be entered for TY-HRS 1P. See paragraph d(2)(e) for an explanation of how TY-HRS 1P is handled during this process. Based on this comparison:

(a) When labor exception hours are equal in number to the DCPS extracted hours, the extracted dollars are distributed to the labor exceptions based on the hours in each exception record to the total hours in all labor exception records.

(b) When labor exception hours are less than the DCPS extracted hours, extracted dollars are distributed to the labor exceptions and generated records based on the hours in each exception record to the total hours in all the exception records. Excess extracted hours are distributed as indicated in paragraphs d(1)(a) through d(1)(l) for the applicable work type hour. Records are generated for each TY-HRS/JO-NO combination.

(c) When labor exception hours are greater than the DCPS extracted hours, the hours in the labor exceptions are adjusted downward to equal the extracted hours. Extracted dollars are distributed to labor exceptions based on the adjusted hours in each exception record to the total labor exception adjusted hours. Excess labor exceptions appear in the this output report, PCN B67AXXF064R

(d) Government benefit costs and other costs treated as employer contributions, as indicated in paragraph d(1)(c), are prorated individually to JO-NOs in labor exception and generated records containing productive and non-productive work types, as indicated in paragraphs d(1)(a) and (b). The distribution of costs is based on the hours in each exception record to the total hours in all the exception records. A record containing the JO-NO and TY-HRS applicable to the prorated fringe benefit is then generated for each prorated amount.

(e) When the DCPS extracted hours contain records equating to TY-HRS 1P, the process will use overtime labor exceptions (TY-HRS 02) and replace overtime hours up to 20 total hours. When overtime exceptions do not exist, then all productive TY-HRS (01, 05, 08) will be duplicated and prorated to equal 20 hours. Otherwise, the 20 hours for this work type are distributed to standard JO-NOs based on the percentage assigned each JO-NO.

e. The assignment of an EOR for all labor transactions is determined as follows:

*   (1) The process attempts to locate an EOR from SOMASEOR using the employee's work schedule code, temporary position code, civilian type, employee type code, and system assigned TY-HRS. When the employee type code equals B or E, the process uses this employee type code for locating a record in the SOMASEOR. Otherwise, the process uses an asterisk ("*") in this position of the key. See Appendix H for the values assigned by DCPS for employee work schedule code, temporary position code, civilian type and employee type code. If an EOR does not exist, then the system uses the employee's work schedule code equal F (full-time), temporary position code equal N, civilian type equal 101 (graded (GS)), employee type code equal * and attempts to locate an EOR. If a match occurs, the respective default EOR is used; however, if a match does not occur, EOR 0000 is used as a default. System ID 1974

employs a default methodology on civilian type before the record reaches this System ID. Very few records should be assigned an EOR of 0000.

(2) All default EORs assigned for employees will appear on this output report, PCN B67AXXJ104R**.**

f. When an SSAN has a value in the daily labor hours processed current field (DAILY-LBR-HRS-PROC-CUR), it indicates that the daily labor process (System ID 1908) has processed. For information on daily labor processing, see System ID 1908. When System ID 1902 is processed, a reconciliation procedure must be invoked so that hours and dollars posted to daily labor can be compared to the dollars and hours received from DCPS. During the reconciliation process, the applicable records at the actual bi-weekly civilian labor rate will be created and passed to the reconciliation module. The reconciliation process will use the input from the daily labor process and the internal bi-weekly civilian process to compare for differences. The reconciliation will be made against either the variance job orders (if filled in the SOMALBCC file) or the actual job orders.

(1) When the daily labor record hours and dollars equal the bi-weekly civilian process record hours and dollars, a disbursement transaction is generated using the daily labor process record key data.

(2) When the daily labor record hours and dollars do not equal the bi-weekly civilian process record hours and dollars, the difference between the bi-weekly civilian process record hours and dollars and the daily labor record hours and dollars are calculated. A disbursement is generated using the daily labor record key data and a COED is generated using the bi-weekly civilian process record adjustment data for the hours and dollars difference.

(3) When a bi-weekly civilian process record does not exist and daily labor has been posted, a disbursement is generated for the daily labor key data and a COED is generated for the adjustment.

(4) When a daily labor record does not exist and a bi-weekly civilian labor record is processed, a COED is created using the civilian labor record data.

g. When the input JO-NO is IFS applicable, the process will send a record to the IFS process for each expense transaction generated from this System ID.

h. All S2K.LBRM type hour 01 records and associated prorated fringe benefit records, coded as leave accrual applicable, are duplicated and passed to the leave accrual process (System ID 1909). Adjustments and disbursements for prior year records are not passed to the leave accrual process.

i. If the equipment code field is filled, this process will generate a COED debit and credit transaction for update to the S2K.FUND file. The credit is applied to the offset job order contained in the SOMALBCC file. EOR 2770 will be used on both transactions and the records will be sent to the IFS interface process. These transactions will not update the SOMALBRD file. For information on equipment hours, see System ID 1908.

j. All labor transactions are passed to the SOMALBRD file. Records passed to the SOMALBRD file are stored and used in preparation of the labor reports. NONPAID leave TY-HRS (KA, KB, KC, KD, KE, KF, and KG) will be assigned EOR equal 0000 and will not be sent to the S2K.FUND file update.

k. Referencing the SOMAUNIQ file, data in the records are summarized and a COED or disbursement (D) transactions are generated for update in the S2K.FUND file and for input to System ID 1918. All generated bi-weekly COED or disbursement type transactions are processed as transactions by others. If the SOMALJOR JO-NO-COMT-REF-NO of the detail JO-NO is filled, the process will attempt to generate a decommitment transaction as long as the decommitment record exists and enough commitment dollars are posted to cover the action. The process will never decommit for more dollars than are posted.

(1) Transactions are summarized by CMD-DSG, JO-NO, SUB-JO-NO, IFS-DOC-NO, COST-CEN-MGR, EOR, PROD-IND, COMT-REF-NO, OBLG-REF-NO, LBR-PROC-CD, DSSN, and disbursing office voucher number (DOV-NO).

(2) During the S2K.FUND file update, if the input JO-NO is not found on the file, the record rejects with reject code UJ5 and is written to System ID 1916 to be recycled where it will appear on the SOMARDS Daily Transaction Reject Report (PCN B67AXXI164D). Please note that the process will no longer validate exception, standard, or leave JO-NOs against the SOMALJOR file.

(3) When a commitment record is not found and the input transaction is a disbursement, a commitment record is created and processing continues. The transaction is also written to this report, PCN B67AXXL054R.

(4) The DELMARS-XMIT-NO is assigned using the MON-CD in the SOMAUNIQ file and the two-position day field of the input DOV-DT. Position 1 of the LBR-XMIT-NO will equal the MON-CD and position 2 will equal 7 when the input DOV-DT day is equal 01-14, or will equal 8 when the input DOV-DT day is equal 15-28, or will equal 9 when the input DOV-DT day is greater than 28.

(5) All obligation type labor transactions generated are automatically assigned a WI-FED-GOVT-CD depending upon the type of EOR. When positions 1 and 2 of the EOR equals 12, 13, 15, or 17 and position 3 equals G, H, K, L, M, N, Q, R, V, X, or Y, then the code assigned is F (within federal government). Anything else is assigned a code of O (outside federal government).

l. After the S2K.FUND file update, the following additional actions are performed for all transactions with the exception of disbursement only transactions:

(1) Cost add-on transactions are created for FMS applicable data to be used in System ID 1973. Transactions passed are those where the RESR-TY-FIN-CD equals 1, the APROP-SYM equals 8242, the FMS-ADD-ON-CD equals A or B, and the EOR contains specific values. The EOR passed are those where positions 1 and 2 equal 11, 14, or 16 and position 3 equals B, G, H, J, or L, and where positions 1 and 2 equal 12, 15, or 17 and position 3 equals K, L, N, Q, X, or Y.

(2) Cost add-on transactions are created for reimbursable order applicable data to be used in System ID 1933. Transactions passed are those where RESR-TY-FIN-CD equals 2 or 6, the REIMB-PROC-CD equals B, D, E, G, H, J K, O, or P, and the EOR contains specific values. The EOR passed are those where positions 1 and 2 equal 11, 14, or 16 and position 3 equals B, G, H, J, or L, and where positions 1 and 2 equal 12, 15, or 17 and position 3 equals K, L, N, Q, X, or Y.

m. In the first bi-weekly labor run of the new fiscal year, the sorted employee records are passed to the split pay routine prior to distribution of the work type hours, dollars, and government benefit contributions to the various job orders in the S2K.LBRM file for the split pay period. Subsequent bi-weekly labor runs by-pass this routine.

(1) In the split pay routine, where applicable, hours and dollars for each work type in the sorted employee records are reduced by the summarized accrual hours and dollars, for that work type, retained from the last (year-end) accrual (System ID 1903 and/or 1908) run of the prior fiscal year. Last year's accrual run were retained in the S2K.LBRM file and have a labor process code equal to C or F.

(2) Those C or F records applicable to inactive employees are reversed and, where necessary, additional records are generated to adjust active employee accrual records. The process will generate disbursement transactions for all valid and adjusted accrual records.

(3) After the accrual records are processed for an individual, the remaining hours and dollars for each work type are then passed back to the regular routine for distribution and update to the SOMALBRD and S2K.FUND files. Adjustment records are not retained in the SOMALBRD file.

n. During the processing of transactions in System ID 1902, certain labor process codes (LBR-PROC-CDs) are assigned to aid the process in designating the proper TRNS-CD for update to the S2K.FUND file. In addition, these codes are passed with the transaction to interfacing System IDs so that process can determine where the transaction was last updated. This code is updated to the SOMALBRD file and can be used to aid in the identification of which System ID and which process within that System ID created the file updates. These codes are shown below for System ID 1902.

LABOR PROCESS CODES

SYSTEM ID	LBR-PROC-CD	TRANS TYPE	TRNS-CD	EXPLANATION
1902	R	COED	624	Regular civilian labor.
	P	D	615	Reconciliation disbursement of LBR-PROC-CD S (TRNS-CD 345). Generated in daily labor for civilian employees (daily labor applicable).
	Q	COED	624	Reconciliation of daily labor for the variance or adjustment JO-NO(s) (daily labor applicable).
	D	D	615	Split pay disbursement for LBR-PROC-CD C generated in accrual (System ID 1903) (not daily labor applicable).
	X	COE	345	Split pay downward adjustment of LBR-PROC-CD C OR F generated in accrual (System ID 1903) or daily labor (System ID 1908).
	E	D	615	Split pay disbursement for LBR-PROC-CD F from accrual (System ID 1903) and daily labor (System ID 1908) (daily labor applicable).

*3.2.3.7 System ID 1903, Labor Accrual   This process provides for the accrual of the next two pay periods (up to 20 days) when it is nearing month-end and all payroll costs were not posted to the accounting files. Labor accruals are performed only on employee records in the S2K.LBRM file with a PAYROLL-INTF-IND (payroll interface indicator) of D for DCPS.

a. Accrual Days. When the accrual days in the SOMAUNIQ file are 10 days or less, the accrual program will run once and the accrued days will be considered as those for the monthly accrual period. When the accrual days in the SOMAUNIQ file exceed 10 days, the program automatically runs twice. The first run accrues 10 days on the assumption that the first 10-day accrual represents the last biweekly payroll that could not be processed because of time constraints. The second run accrues the remaining days on the assumption that these days represent the actual monthly accrual period.

b. Accrual Calculation. A simple calculation is used to determine the number of hours to accrue when the S2K.LBRM base hours are less than or equal to 80. Base hours over 80 are for firefighter personnel. Firefighter calculations are discussed below. When the SOMAUNIQ ACCRU-DA are less than 11, then an accrual percent is calculated by multiplying the ACCRU-DA times 10%. The accrual hours to be processed are the base hours times the accrual percent. When the accrual days are greater than 10, then the first cycle processes 100% of the base hours. The second cycle calculates the accrual percent as ACCRU-DA minus 10 times 10%. The hours to be processed are base hours times the accrual percent.

c. Accrual Processing Logic. The accrual process initially establishes, for each employee, the accrued hours, accrual dollars and for firefighter personnel, the premium standby hours and dollars, by using the accrual days and the labor rates in the SOMAUNIQ, S2K.LBRM, or SOMALBCC files and the employee's data (hourly rate, base hours, pay schedule code, and so forth) in the S2K.LBRM file. The process then extracts government fringe benefit cost and other costs treated as employer contributions applicable to the accrual period, from the employee's recurring pay record in the S2K.LBRM file. The established accrual hours and dollars, premium hours and dollars, along with the extracted government benefit cost, only represent the employee's base labor and benefit costs for the days being accrued. Other labor charges (overtime, holiday worked, and so forth) incurred during the accrual period are entered by labor exceptions. The accrual labor hours and dollars and government benefit cost are then distributed to the standard JO-NO(s), SUB-JO-NO(s), and COST-CEN-MGR(s) established in the S2K.LBRM file and/or to labor exceptions entered for the accrual period. All labor exceptions will be saved for later biweekly labor processing except at year-end when accruals are treated as actual. When partial or no labor exceptions are posted, the process defaults to the standard and leave job orders data. Except for the last month of the fiscal year (year end), accruals are automatically reversed the following month by either System ID 1902 or System ID 1908. At year-end, accruals applicable to the biweekly period are reversed but those applicable to the monthly accrual period are treated as actual. Subsequent paragraphs describe in detail the activities that take place in the accrual labor process.

(1) There are instances when all of the available accrual hours to process are not processed. These instances are:

(a) When the S2K.LBRM SEP-DT (separation date) is filled for an employee, indicating the last day of employment, labor charges will be limited to the lesser of accrual days or the difference between SEP-DT and pay period dates.

(b) When the S2K.LBRM EXCEP-HRS-PROC (exception hours processed) does not equal zero indicating that the employee had labor accrual processed on a daily basis by System ID 1908. The process will recalculate accrual hours for that type hour based on the difference between EXCEP-HRS-PROC and EXCEP-HRS. When System ID 1903 processes an accrual for individuals that are daily labor applicable, it sets the SOMAUNIQ DL-REVS-REL-SWTCH (daily labor reversal release switch) to Y and sends accrual reversal transactions directly to System ID 1908 instead of System ID 1902 like non-daily labor reversals. System ID 1908 reads the DL-REVS-REL-SWTCH for a Y before it can process the reversal accrual transactions. If this switch is not Y and there are reversal transactions in the input file, the process will stop. The switch will need to be reset before System ID 1908 can resume. The accrual dollars computed for daily labor applicable individuals could be either at the regular rates from the S2K.LBRM file or average rates from the SOMALBCC file. The SOMALBCC AVG-RATE-IND is used to determine which labor rates. When this indicator equals Y, average rates are used; otherwise the system uses the regular rates.

(c) When an employee has non-paid leave exceptions posted for the pay period, the accrual hours are reduced by those hours. The non-paid leave type hours are KA, KB, KC, KD, KE, KF, and KG. The process calculates the adjusted base hours as base hours minus the sum of non-paid leave hours.

(2) System ID 1903 references the SOMAUNIQ, SOMALBCC, SOMALJOR, SOMASEOR, and the S2K.LBRM files for information. Elements referenced are used in the determination of switch settings, hour and dollar computations, and transaction data element assignments. These files should be maintained with current valid information applicable to the processing of civilian labor accounting transactions.

(3) Specifically, this System ID processes the following labor group types.

GROUPS	TYPE HOURS	
01	01 REG-WK	0H HOL-LV
	0A ANL-LV	0K OTH-LV
	0D SICK-LV	0T COM-LV-TAKE
02	04 PREM-STDBY	
03	0B OVSEA-ALW	0U MDCR
	0E FGN-DIFF-PAY	0Y TSP
	0F PHYSICIANS-ALW	1A COLA
	0I RTMT-401K-NAF	1C DANGER-PAY
	0J CSRS	1D STAFF-DIFF
	0L FICA	1E RETENTION-ALW
	0M FERS	1F SUPV-DIFF
	0N FEGLI	1G FGN-LANG-CAP
	0P FEHBI	1M SEGURO-HEALTH
	0Q TROP-DIFF	1N SEGURO-SOCIAL
04	02 OVERTIME	0R OTH-WKD
	05 HOL-WKD	
05	03 NIGHT-DIFF	07 HAZ-DTY
	06 SUN-PREM	
07	0G SVRNC-PAY	
09 (COMP LV EARNED)	08 CMP-LV-EARN	
11 (NON-PAID LV)	KA LWOP	KE FURLOUGH
	KB SUSPENSION	KF NONDTY-WI-REG-SCHED
	KC AWOL	KG MIL-FURLOUGH
	KD OFC-WK-COM-PROG	
12	1P AVAIL-PREM-PAY	

   d. Labor Computations. All labor costs are categorized within specific groups. These group types are discussed below and are also discussed in System ID 1974 and Appendix D. When the term JO-NO is used in the following paragraphs, it also includes the applicable SUB-JO-NO and CCM-JO-NO.

   (1) Group 1 (Base hours). When labor exceptions are not entered for the accrual period, the accrual hours and dollars are distributed as productive work (TY-HRS 01) to each standard JO-NO in the employee's header record based on the percentage assigned to each JO-NO. When exceptions are entered, the exceptions are processed first, then any hours remaining are prorated to each standard JO-NO based on the percentage assigned to the JO-NO. Depending upon accrual hours to process and if individual is daily labor applicable and using regular or average rates, the computations are:

EXCEP-HRS or BASE-HRS times REG-HRLY-RAT
or
EXCEP-HRS or BASE-HRS times AVG-HRLY-RAT

Government benefit costs and other costs treated as employer contributions (such as defined in group 3 above) are prorated individually to each JO-NO based on the hours in each productive record to the total hours in all productive records. A record containing the JO-NO and TY-HRS, applicable to the prorated recurring pay amount, is generated for each prorated amount. Recurring pay is distributed for group 1 only.

(a) When the total exception hours equal the accrual hours, the accrual dollars are distributed to the labor exceptions based on the hours in each exception record to the total hours in all the labor exception records.

(b) When the total exception hours are greater than the accrual hours, the hours in the exceptions are adjusted downward to equal the accrual hours. The accrual dollars are then distributed to the labor exceptions based on the adjusted hours in each exception record to the total adjusted hours in all labor exceptions.

(c) When total exceptions hours are less than the accrual hours, the excess accrual hours are distributed as productive work (TY-HRS 01) to each standard JO-NO in the employee's header record based on the percentage assigned for each JO-NO. Records are created for each TY-HRS/JO-NO combination. The accrual dollars are then distributed to the labor exception and created records based on the hours in each record to the total hours in all the records.

(2) Group 2 (Premium standby hours). When the EMPL-TY-CD in the employee the S2K.LBRM employee header record equals F or X and the BASE-HRS are greater than 80, then the premium pay portion for firefighters must be calculated in addition to the regular pay portion for these employees. Exceptions for firefighters are processed first, if they exist, in the same way as non-firefighter employees.

Refer to other group types for explanation of the calculations outside of premium pay. Firefighters are always processed using S2K.LBRM file rates. Records are created for each TY-HRS 04 premium pay hours and pay for group 01 records. Premium pay computations for firefighters are:

> HRS = 112 EXCEP-HRS TIMES 5/7 TIMES REG-HRLY-RAT = EXCEP-DOLLARS
> PREMIUM PORTION
> EXCEP-HRS DIV BY 112 TIMES 32 = PREM-HRS
> PREM-HRS TIMES PREM-STDBY-RAT = EXCEP-DOLLARS
>
> HRS = 120 EXCEP-HRS TIMES 2/3 TIMES REG-HRLY-RAT = EXCEP-DOLLARS
> PREMIUM PORTION
> EXCEP-HRS DIV BY 120 TIMES 40 = PREM-HRS
> PREM-HRS TIMES PREM-STDBY-RAT = EXCEP-DOLLARS
>
> HRS = 144 EXCEP-HRS TIMES 5/9 TIMES REG-HRLY-RAT = EXCEP-DOLLARS
> PREMIUM PORTION
> EXCEP-HRS DIV BY 144 TIMES 64 = PREM-HRS
> PREM-HRS TIMES PREM-STDBY-RAT = EXCEP-DOLLARS

(3) Group 3 (Recurring pay). The dollar amount for each recurring type within this group is distributed to only group 1 TY-HRS in the same manner as group 1 hours are distributed. Refer to group 1 above.

(4) Group 4 (Overtime rates). In computing overtime and other hours worked, the process multiplies reported 02 or 0R TY-HRS worked times the OT-HRLY-RAT. In computing holiday, the process multiplies reported 05 hours worked times REG-HRLY-RAT.

(5) Group 5 (Premium rates). In computing night differential, the process multiplies reported 03 TY-HRS worked times REG-HRLY-RAT time .10. In computing Sunday premium, the process multiplies reported 06 TY-HRS worked times REG-HRLY-RAT times .25. The reporting of hazardous duty worked involves multiple rates. For Wage Grade employees, the process computes 07 TY-HRS worked times WG-10-STEP-2-HRLY-RAT from the SOMAUNIQ file times one of these percentages:

HAZARDOUS DUTY RATE CODE	PERCENT
A	100%
C	50%
E	25%
F	15%
G	8%
H	4%
K	6%
1 (SEE NOTE)	175%

NOTE: When the hazardous duty code equals 1, the system compares the WG-10-STEP-2-HRLY-RAT times 1.75 with the employee's REG-HRLY-RAT from the S2K.LBRM file times 1.75 and uses the greater of these two rates times the 07 TY-HRS worked to compute the hazardous duty pay.

For General Schedule employees, the process computes 07 TY-HRS worked times REG-HRLY-RAT from the S2K.LBRM file times one of these percentages:

HAZARDOUS DUTY RATE CODE	PERCENT
E	25%
G	8%
H	4%

(6) Group 7 (Severance pay). If applicable, severance pay (TY-HRS 0G) is distributed, based on the accrual percentage, to each standard JO-NO established in the employee's record in the S2K.LBRM file according to the percentage assigned each JO-NO.

(7) Group 9 (Compensatory leave earned). When TY-HRS 08 is entered for the pay period, the process generates two transactions. A positive hour and dollar transaction is generated for the exception JO-NO and a negative hour and dollar transaction is generated for the standard leave job order(s). The action amount is computed by EXCEP-HRS times REG-HRLY-RAT.

(8) Group 11 (Non-paid leave). Exceptions for non-paid leave are generated with hours and zero dollars and are updated to the SOMALBRD file only.

(9) Group 12 (Availability premium pay). When AVAIL-PAY exists in the S2K.LBRM employee header record, this amount is distributed as an additional compensation for two hours of overtime each day regardless if the individual worked overtime during the pay period. When exceptions are not entered, the entire amount is distributed to the STD-JO-NO(s). When exceptions are entered, the calculation is based upon the amount of overtime actually worked.

e. Prior to update to the S2K.FUND file, all current month transactions are duplicated with hours and dollar amounts reversed. Transactions that are not daily labor applicable are sent forward to the biweekly labor process, System ID 1902. Transactions that are daily labor applicable are sent forward to the daily labor process, System ID 1908. Transactions are daily labor applicable when the individual's cost center is daily labor applicable as indicated by the setting in the SOMALBCC file and some daily labor activity had occurred prior to the accrual run (that is, EXCEP-HRS-PROC does not equal zero). These labor processes will then reverse the applicable S2K.FUND file update of the prior month accruals. No reversals will occur for the year-end labor accruals treated as actual.

f. If the LV-ACCR-APPL-CD in the S2K.LBRM SSAN record equals Y and the hours for TY-HRS 01 records do not equal 0, then a record containing key data and computed dollars is sent to System ID 1909 for subsequent leave accrual processing. All generated fringe benefit dollars related to type hour 01 job orders are also sent to this process. System ID 1909 will generate a COE or COED debit transaction for the exception job order and a COE or COED credit transaction for the leave accrual offset job order in SOMARATE file depending upon the labor process code. The dollar amounts for these transactions are computed as labor dollars times the leave accrual percent. For each fringe dollar sent, the dollar amount for the transactions are computed as fringe dollar amount times the leave accrual fringe benefit percent.

g. The process generates detail labor records for update to the SOMALBRD file by command designator and SSAN for the accrual pay periods. If the detail records are for the fiscal year end, a code of 1 is assigned to the DTL-YREND-ACCRU-IND (detail year end accrual indicator). If the detail records are for the month-end, a code of 2 is assigned this indicator. This code is used at year-end to identify the detail labor records that should be used when generating year-end adjustment transactions.

h. Labor Process Codes Assigned. All individual labor transactions generated for update to the SOMALBRD file are assigned a labor process code. This code implies the origin of the posted transaction. The definitions of these codes are:

CODE	EXPLANATION
A	Regular accrual labor (not daily labor applicable).
C	Year-end accrual for the split pay (not daily labor applicable).
F	Year-end accrual for the split pay (daily labor applicable).
J	Regular accrual labor (daily labor applicable).

i. Generated Accounting Transactions. All summarized payroll records generate accounting transactions for update to the S2K.FUND file.

(1) Commitment, Obligation, and Expense transaction (TRNS-CD 345). This process generates TRNS-CD 345 for all labor records. These values are assigned the generated transaction.

ELEMENT	PIC	POSITION	VALUE ASSIGNED
CMD-DSG	X(01)	1	CMD-DSG from S2K.LBRM file.
TRNS-CD	X(03)	2-4	345.
PROC-ACT-CD	X(01)	5	2.
INP-ACT-CD	X(06)	6-11	I00000.
BLK-TKT-NO	X(07)	12-18	PAY + position 5-8 of PAY-PD-END-DT.
BLK-TKT-DT	X(08)	19-26	SOMAUNIQ PAY-PD-END-DT or PAY-PD-END-DT-1 in CCYYMMDD format.
UPDT-CD	X(02)	27-28	CM.
JO-NO	X(06)	29-34	Standard, leave, or exception job order from S2K.LBRM file.
EOR	X(04)	35-38	See note below.
COMT-REF-NO	X(14)	39-52	Position 1 equals P. Position 2 equals position 2 of the SOMAUNIQ payroll register number. Positions 3-8 equal applicable JO-NO. Positions 9-10 equal position 1-2 of applicable cost center manager.

ELEMENT	PIC	POSITION	VALUE ASSIGNED
OBLG-REF-NO-SPIIN	X(18)	53-70	Positions 1-3 equal PAY. Positions 4-5 equal position 3-4 of current fiscal year.
COST-CEN-MGR	X(06)	71-76	Assigned or where worked cost center manager.
DOCU-DT	X(08)	77-84	Systems date in CCYYMMDD format.
ACT-AMT	S9(10)V99	85-96	Calculated amount as defined above.
WI-FED-GOVT-CD	X(01)	97	F when positions 1-2 of generated EOR equals 12, 13, 15, or 17 and position 3 of that EOR equals G, H, K, L, M, N, Q, R, V, X, or Y, otherwise equals alpha O.
OBLG-STAT-CD	X(01)	110	2.
OBLG-EXPIR-DT	X(08)	111-118	Positions 1-2 equals SOMAUNIQ CENTURY. Positions 3-4 equals SOMAUNIQ CURR-FY. Positions 5-8 equals 0930.
JV-NO	X(06)	122-127	Spaces.
OBLG-TY-CD	X(01)	128	L.
AMD-NO	X(02)	129-130	Spaces.
QTY	S9(09)	131-139	Zeroes.
WT-LBS	S9(05)	140-144	Zeroes.
HRS	S9(06)V99	145-152	Exception hours or calculated amount as described above or zeroes.
NOMENCLATURE	X(35)	153-187	Spaces.
CLIN	X(06)	188-193	Spaces.
ACRN	X(02)	194-195	Spaces.
MOD-NO	X(06)	196-201	Spaces.
SUB-JO-NO	X(08)	202-209	If applicable, SUB-JO-NO from exception record.
IFS-DOCU-NO	X(18)	210-227	If applicable, IFS-DOCU-NO from exception record.
LBR-PAY-PD-NO	X(14)	228-241	Constructed as a nine-position value. Positions 1-3 equal PAY. Positions 4-9 equal PAY-PD-END-DT in MMDDYY format.
PROD-IND	X(01)	242	P when TY-HRS equals 01 or 02, otherwise equals N.
FILLER	X(58)	243-300	Spaces.

Note. The SOMASEOR file is read for the assignment of the EOR. The process uses the exception TY-HRS and the employee's WORK-SCHED, TEMP-POS-CD, CIV-TY, EMPLY-TY-CD, and GRADE-IND to locate an EOR on the file. If the EOR is not located, then the process uses default values for these elements. It uses F as the WORK-SCHED, N as the TEMP-POS-CD, 101 as the CIV-TY, * (asterisk) as the EMPLY-TY-CD, and G as the GRADE-IND. If the EOR cannot be located using the default values, then all zeros are moved to the EOR.

(2) Decommitment transactions (TRNS-CD 320). When processing the labor job order record and the S2K.FUND job order record contains a value in JO-NO-COMT-REF-NO, the process will also generate TRNS-CD 320. For TRNS-CD 320 to be generated, the JO-NO-COMT-REF-NO value must be located as an existing commitment record on the S2K.FUND file, and the calculated result must be greater than zero. The generated transaction is assigned these values.

ELEMENT	PIC	POSITION	VALUE ASSIGNED
CMD-DSG	X(01)	1	CMD-DSG from S2K.LBRM file.
TRNS-CD	X(03)	2-4	320.
PROC-ACT-CD	X(01)	5	2.
INP-ACT-CD	X(06)	6-11	I00000.
BLK-TKT-NO	X(07)	12-18	PAY + position 5-8 of PAY-PD-END-DT.
BLK-TKT-DT	X(08)	19-26	System date in CCYYMMDD format.
UPDT-CD	X(02)	27-28	CM.
JO-NO	X(06)	29-34	The BULK-JO-NO related to JO-NO-COMT-REF-NO from the SOMALJOR file related to the standard, leave, or exception job order from the S2K.LBRM file.
COMT-REF-NO	X(14)	35-48	The JO-NO-COMT-REF-NO from the SOMALJOR file related to the standard, leave, or exception job order from the S2K.LBRM file.
DOCU-DT	X(08)	49-56	Systems date in CCYYMMDD format.
COMT-ACT-AMT	S9(10)V99	57-68	Calculated amount as defined above.
JV-NO	X(06)	69-74	Spaces.
SUB-JO-NO	X(08)	75-82	Spaces.
COST-CEN-MGR	X(06)	83-88	Assigned or where worked cost center manager.
FILLER	X(212)	89-300	Spaces.

j. When the process attempts to update generated transactions to the S2K.FUND file and the JO-NO cannot be located, the process will reject the transaction with reject UJ5. The process will send the rejected transaction to System ID 1916 where that process will attempt to perform the same update. System ID 1916 will recycle the rejected transaction until it updates the file. For this transaction to clear, the reject JO-NO must be re-entered into the system.

k. In the last month of the fiscal year end, the hours and dollars in all records for the 10 day or less cycle run, are accumulated by TY-HRS and stored in S2K.LBRM yearend header and detail records. The hour and dollar values in these records are used in the biweekly process (System ID 1902) to split the first biweekly payroll of the next fiscal year.

l. Automatic Civilian/Military End Strength transaction (TRNS-CD 835). The process generates civilian and military end strength transactions by accumulating and recording the total number of individuals by TDA JO-NO and EOR for civilians and by number of individuals and rank (enlisted, officer, or warrant officer) for military personnel. For civilians, the EOR is determined by the S2K.LBRM file combination of work schedule, temporary position code, civilian type, employee type code, and type hours of 01 appearing in the SOMASEOR file. The process overlays the S2K.FUND file end strength fields in the EOR and military labor records. When System ID 1925 is run, that process zero fills the end strength fields.

ELEMENT	PIC	POSITION	VALUE ASSIGNED
CMD-DSG	X(01)	1	CMD-DSG from S2K.LBRM file.
TRNS-CD	X(03)	2-4	835.
PROC-ACT-CD	X(01)	5	2.
INP-ACT-CD	X(06)	6-11	I00000.
BLK-TKT-NO	X(07)	12-18	Positions 1-3 equals END. Positions 4-7 equals spaces.
BLK-TKT-DT	X(08)	19-26	SOMAUNIQ SYS-END-PRD-DT in CCYYMMDD format.
TDA-JO-NO	X(06)	27-32	The TDA-JO-NO from the S2K.LBRM file.
TDA-SUB-JO-NO	X(08)	33-40	The TDA-SUB-JO-NO from the S2K.LBRM file.
EOR	X(04)	41-44	Appropriate EOR from SOMASEOR
ASSIGNED-CCM	X(06)	45-50	The ASSIGNED-CCM from the S2K.LBRM file.
END-STR-CAT	X(01)	51	Assigns 2 for civilian paid by others. Assigns O for military officer. Assigns E for military enlisted. Assigns W for military warrant officer.
END-STR	X(05)	52-56	Assigns end strength computed as described above.
PROD-IND	X(01)	57	Assigns N.
FILLER	X(243)	58-300	Spaces.

m. After the S2K file update, the following additional actions are performed for all transactions:

(1) Cost add-on transactions are created for reimbursable order applicable data to be used in the Bill Cycle Extract and Update, System ID 1933. Transactions passed are those where RESR-TY-FIN-CD equals 2 or 6, the REIMB-PROC-CD equals B, D, E, G, H, J, K, O, or P, and the EOR contains specific values. The EOR's passed are those where positions 1 and 2 equal 11, 14, or 16 and position 3 equals B, G, H, J, or L, and where positions 1 and 2 equal 12, 15, or 17 and position 3 equals K, L, N, Q, X, or Y.

(2)   Cost add-on transactions are created for FMS applicable data to be used in the FMS Administrative Costs Process, System ID 1973. Transactions passed are those where the RESR-TY-FIN-CD equals 1, the APROP-SYM equals 8242, the FMS-ADD-ON-CD equals A or B, and the EOR contains specific values. The EOR's passed are those where positions 1 and 2 equal 11, 14, or 16 and position 3 equals B, G, H, J, or L, and where positions 1 and 2 equal 12, 15, or 17 and position 3 equals K, L, N, Q, X, or Y.

(3) All valid and invalid transactions are passed to System ID 1918 to appear on the daily reports and to be passed on for update to the S2K.GNLR file.

n.   Rejected Transaction Report, PCN B67AXXL054R provides user personnel with labor error conditions encountered for each labor System ID process and the corrective action taken to continue processing. This report is produced when errors were encountered during the read of the SOMALBCC and S2K.LBRM files.

(1) The report indicates, by error code, labor records created and transactions modified, bypassed, and not processed. Page 1 of the report contains each error code with an explanation. This System ID generates error code 16.

(2) This report is also produced by System IDs 1902, 1904, 1908, 1909, 1923, 1933, 1955, and 1973.

3.2.3.8 System ID 1904, Labor Military Pay Process. The military process establishes the military labor hours and dollars by using the military base hours (BASE-HRS) and hourly rates (HRLY-RTs) (a composite rate that includes pay and benefits) in the SOMAUNIQ file. The established values represent the employee's base hours and pay for the monthly period.

a.   Military personnel records in the S2K.LBRM file that contain a filled separation date (SEP-DT) field, indicating the date of discharge, will incur labor charges for the lesser of monthly base hours or the difference between the end period date and the SEP-DT.

b.   In the absence of labor exceptions, the established military base hours and dollars are distributed as productive work (TY-HRS 01) to the JO-NOs in the employee's header record in the S2K.LBRM file. The hours and dollars are distributed based on percentages established for each JO-NO. A record containing the JO-NO, TY-HRS 01, and distributed hours and dollar values is generated for each JO-NO/TY-HRS combination.

c.   When labor exceptions are entered for the military pay period, the established military base hours are compared to the total of all hours in labor exception records containing TY-HRS 01 (regular work), TY-HRS 0A (annual leave), TY-HRS 0D (sick leave), TY-HRS 0H (holiday leave), TY-HRS 0K (other leave), TY-HRS KA (leave without pay {LWOP}), TY-HRS KB (suspension), TY-HRS KC (absent without leave {AWOL}), TY-HRS KD (office of worker compensation program (OWCP)), TY-HRS KE (furlough), TY-HRS KF (non-duty within regular duty), and TY-HRS KG (military furlough (called to active duty)). TY-HRS 02 (overtime) and TY-HRS 05 (holiday hours worked) may also be entered. However, these hours will not be compared to total hours.

(1)   When the total exception hours equal the established base hours, the established monthly composite rate dollars are distributed to the labor exceptions based on a comparison of the hours in each exception record to the total hours in all labor exception records. TY-HRS 01, 0A, 0D, 0H, and 0K are considered for this computation.

(2)   When the total exception hours are greater than the established base hours, the hours in the exceptions are adjusted downward to equal the base hours. The established monthly dollars are distributed to the labor exceptions based on the adjusted hours in each exception record in comparison to the total adjusted hours in all labor exception records.

(3) When total exception hours are less than the established base hours, the excess base hours are distributed as written in paragraph b. Records are created for each TY-HRS/JO-NO combination. The

established monthly dollars are distributed to the labor exception and created records based on the hours in each record in comparison to the total hours in all the records.

d. Labor exceptions entered for other than TY-HRS 01, 0A, 0D, 0H, or 0K are not compared. The system computes and enters the dollar value for these records by using the hours in the record and the hourly rates in the SOMAUNIQ file.

e. An EOR of A411 is assigned to each generated and labor exception record. The JO-NO of each detail record is validated to the SOMALJOR file. If the input JO-NO does not exist or is not coded for labor, the invalid JO-NO is replaced with the applicable employee TDA-JO-NO and associated elements from the S2K.LBRM file and processing continues. If the TDA-JO-NO cannot be located on the SOMALJOR file, the TDA-JO-NO and associated elements will be replaced with the agency default JO-NO (AGCY-DEFLT-JO-NO) and it's associated elements. All records are then passed to the SOMALBRD file and the summary process. Referencing the SOMALJOR file, the system summarizes data in these records and generates transactions that pass to and update the S2K files and input to System ID 1918.

f. When an invalid input JO-NO is replaced with the applicable employee TDA-JO-NO or AGCY-DEFLT-JO-NO during the SOMALJOR validation, the transaction will appear on the Rejected Transaction Report. In addition, if the input JO-NO is not found on the file during the S2K file update process, the record is bypassed and written to this report, PCN B67AXXL054R.

g. After the S2K file update, unfunded cost add-on transactions are created for reimbursable order applicable data to be used in System ID 1933. Transactions passed are those where RESR-TY-FIN-CD equals 2 or 6 and the REIMB-PROC-CD equals D, E, G, H, J, or K.

3.2.3.9 System ID 1905, On-Line Transaction Extract Process. This System ID routes all transactions that were entered and processed by System ID 1900. It extracts transactions from the SOMABLKT file and routes them, using the elements in the SOMABLKT file and switches in the SOMAUNIQ file, as described below.

a. When the BLKT-TO-BE-PROC-IND equals Y and the SOMAUNIQ SYS-YR-END-REBLD-SW equals Y, then the transaction is routed to File ID DAKHAKF05 for further processing in System ID 1916.

b. When the BLKT-TO-BE-PROC-IND does not equal Y and the SOMAUNIQ SYS-YR-END-REBLD-SW does not equal Y.

(1) When the BLKT-DTL-TRNS-CD equals 880 or 881, then the transaction is routed to File ID DAKHALB01 for further processing in System ID 1918.

(2) When the BLKT-DTL-TRNS-CD equals CHF, then the transaction is routed to File ID DAH9AAF01 for further processing in System ID 404.

(3) When the BLKT-DTL-TRNS-CD does not equal 880, 881, or CHF and the BLKT-REJ-ACT-CD is greater than a space, then the transaction is routed to File ID DAKHALB01 for further processing in System ID 1918.

c. When the SOMAUNIQ SYS-CUM-REJ-REPT-SWTCH equals Y and the BLKT-TO-BE-PROC-IND equals R, then the transaction is routed to File ID DAKHALB01 for further processing in System ID 1918.

d. The following information displays how the cited transactions are routed, depending solely upon values in the SOMABLKT file:

DTL-TRNS-CD	TO-BE-PROC-IND	REJ-ACT-CD	OUTPUT FILE ID	SYSTEM ID
010, 020, 060, 110, 120, 215, 220, 221,310, 312, 314, 319, 320, 340, 342, 345, 347, 348, 511, 516, 518, 519, 530, 535, 536, 539, 540, 557, 610, 611, 612, 615, 616, 617, 621, 623, 624, 626, 628, 630, 640, 642, 643, 644, 645, 653, 654, 706, 707, 708, 709, 710, 711, 715, 720, 725, 730, 750, 760, 762, 764, 766, 767, 768, 772, 773, 798, 829, 830, 831, 832, 833, 835 or 890	B	Not D	DAKHAKF05	1916
313 or 515	B	C,R or Blank	DAKHAKF05	1916
313 or 515	D		DAKHALB01	1918
315	B	Not D	DAKHAKF05	1916
621	D	Not D	DAKHAKF05	1916
623, 624, 643 or 644	L		DAKHAKF05	1916
Not CHF, 623, 624, 643 or 644	L		DAKHALB01	1918
635 or 652	B	Not D	DAKHAKF08	1978
648	B		RAKHAKF02	1923
811	B		DAKHAKF03	1907
811	D		DAKHALB01	1918
871	B		DAKHAKF07	1971
871	D		DAKHALB01	1918
840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858 or 864			DAKHALB01	1918
910, 915, 920, 921 or 925	B		DAKHAKF05	1916
910, 915, 920, 921 or 925	D		DAKHALB01	1918

3.2.3.10 System ID 1906, DFAS File Reformat Process. This process reads DFAS files and modifies reformatted SOMARDS files, depending on switch settings established in the SOMAUNIQ file. These switch settings determine whether the DFAS files are read and reformatted, or bypassed. Also, the switches determine if the file data are to be updated or replaced in the appropriate SOMARDS file or table format.

a. When the SYS-SOMAMSCD-1906-SWTCH equals N, the system will not read the AK.DFAS.SOMAMSCD.INPUT file and will not update the SOMAMSCD file. When the SYS-SOMAMSCD-1906-SWTCH equals R, the DFAS input file will completely replace the existing SOMAMSCD file with all records from the input file. When the SYS-SOMAMSCD-1906-SWTCH equals Y, only those records from the DFAS input file that did not previously exist in the SOMAMSCD file will be added.

b. When the SYS-SOMAMEOR-1906-SWTCH equals N, the system will not read the AK.DFAS.SOMAMEOR.INPUT file and will not update the SOMAMEOR file. When the SYS-SOMAMEOR-1906-SWTCH equals Y, the DFAS input file will be reformatted and completely replace the existing SOMAMEOR file.

c. When the SYS-SOMASEOR-1906-SWTCH equals N, the system will not read the AK.DFAS.SOMASEOR.INPUT file and will not update the SOMASEOR file. When the SYS-SOMASEOR-1906-SWTCH equals Y, the DFAS input file will be reformatted and completely replace the existing SOMASEOR file.

d. When the SYS-SOMATBLS-CNTRY-CD-1906-SWTCH equals N, the system will not read the AK.DFAS.SOMACTRY.INPUT file and will not update the COUNTRY-CODE-RECORD in the SOMATBLS file. When the SYS-SOMATBLS-CNTRY-CD-1906-SWTCH equals Y, the DFAS input file will be reformatted and completely replace the existing COUNTRY-CODE-RECORD.

e. When the SYS-SOMATBLS-DSSN-1906-SWTCH equals N, the system will not read the AK.DFAS.DSSN.INPUT file and will not update the DSSN-RECORD in the SOMATBLS. When the SYS-SOMATBLS-DSSN-1906-SWTCH equals Y, the DFAS input file will be reformatted and completely replace the existing DSSN-RECORD.

f. When the SYS-SOMATBLS-FCA-CD-1906-SWTCH equals N, the system will not read the AK.DFAS.SOMAFCAS.INPUT file and will not update the FCA-RECORD in the SOMATBLS. When the SYS-SOMATBLS-FCA-CD-1906-SWTCH equals Y, the DFAS input file will be reformatted and completely replace the existing FCA-RECORD.

g. When the SYS-SOMATBLS-MDEP-1906-SWTCH equals N, the system will not read the AK.DFAS.SOMAMDEP.INPUT file and will not update the MDEP-RECORD in the SOMATBLS file. When the SYS-SOMATBLS-MDEP-1906-SWTCH equals Y, the DFAS input file will be reformatted and completely replace the existing MDEP-RECORD.

h. When the SYS-SOMATBLS-RSC-1906-SWTCH equals N, the system will not read the AK.DFAS.SOMARSCD.INPUT file and will not update the REIMB-SRC-CD-RECORD in the SOMATBLS file. When the SYS-SOMATBLS-RSC-1906-SWTCH equals Y, the DFAS input file will be reformatted and completely replace the existing REIMB-SRC-CD-RECORD

i. When the SYS-SOMATBLS-TRMS-1906-SWTCH equals N, the system will not read the AK.TECOM.TRMS.INPUT file and will not update the TRMS-NO-RECORD in the SOMATBLS file. When the SYS-SOMATBLS-TRMS-1906-SWTCH equals Y, the DFAS input file will be reformatted and completely replace the existing TRMS-NO-RECORD.

3.2.3.11 System ID 1908, Daily Labor Process. This process will cost labor daily for all individuals whose assigned cost center is daily labor applicable. For daily labor to occur, the SOMALBCC file must be populated with the appropriate information related to the daily labor cost center managers and labor exceptions must exist in the S2K.LBRM for that cost center's employees. The process functions similarly to System ID 1902 in the assignment of type hour codes for fringe benefits and recurring pay. Refer to System ID 1902 for a complete explanation.

a. The process performs these functions.

(1) Daily labor costs are computed for exception records posted to the S2K.LBRM file for each S2K.LBRM SSAN record where the assigned cost center manager matches up to positions filled of the SOMALBCC file's cost center manager that is daily labor applicable.

(2) The daily labor hours available for processing for each posted exception detail record equals XCPT-HRS minus XCPT-HRS-PROC. If the computed daily labor hours are not equal to zero, then the current cycle daily labor hours are computed as daily labor hours times the appropriate rate (that is, actual or average). Non-paid leave hours (that is, KA, KB, KC, KD, KE, KF, and KG) are used in the computation of hours but are not used in the dollar amount computation.

(3) When the exceptions are for regular work or leave, fringe benefit computations are also computed using the appropriate rates.

(4) For civilians, if the average price indicator in the SOMALBCC file equals y, then costs are computed using average rates. If average rates are used, then all fringe benefit rates are used, regardless if the fringe rate is applicable to the individual or not. Costs are not computed for any other recurring rates (for example, danger pay and overseas allowance, and so forth) when average rates are used. If this field is blank, then costs are computed using the individual's actual rates located in the S2K.LBRM SSAN record. Costs are also computed for any other recurring rates posted for that individual.

(5) For military, the process uses the military rates established in the SOMAUNIQ file.

(6) The computed daily labor hours are updated to the XCPT-HRS-PROC field in the S2K.LBRM exception detail record.

(7) When type hours equals regular work and leave, the computed daily labor hours are added to the DAILY-LBR-HRS-PROC-CUR or NXT in the S2K.LBRM C0 level record. These fields are used by System ID 1903 (labor accrual) as an indicator on how many hours have already been processed by daily labor.

(8) If the LV-ACCR-APPL-CD in the S2K.LBRM SSAN record equals Y and the hours for TY-HRS 01 records do not equal 0, then a record containing key data and computed dollars is sent to System ID 1909 for subsequent leave accrual processing. All generated fringe benefit dollars related to type hour 01 job orders are also sent to this process. System ID 1909 will generate a COED debit transaction for the exception job order and a COED credit transaction for the leave accrual offset job order in SOMARATE file. The dollar amounts for these transactions are computed as labor dollars times the leave accrual percent. For each fringe dollar sent, the dollar amount for the transactions are computed as fringe dollar amount times the leave accrual fringe benefit percent.

(9) If the exception detail record contains a value in EQUIP-CD, then daily equipment hour's equals XCPT-EQUIP-HRS minus XCPT-EQUIP-HRS processed. If daily equipment hours are not equal to zero, then equipment rental cost equals daily equipment hours times the equipment rate from the SOMARATE equipment code record related to the XCPT-EQUIP-CD. A COED transaction will be generated for update to the S2K.FUND file. A credit offset is also generated and updated to this same file. The offset job order value is obtained from the SOMALBCC file. EOR 2770 will be used on both transactions. The process will send records to the IFS interface process. The XCPT-EQUIP-CD is only applicable to SOMARDS type hours of 01 (regular work), 02 (overtime), 05 (holiday worked), and 08 (compensatory time worked).

(10) If the input JO-NO is IFS applicable, the process will send a record to the IFS interface process for every obligation/expense transaction generated from this System ID. The process assigns these values to the output File ID DAKTATF01, IFS Cost Transactions. Most of the elements are taken from the exception record of the S2K.LBRM file.

ELEMENT NAME	VALUE ASSIGNED
CMD-DSG	S2K.LBRM CMD-DSG.
IFS-DOCU-NO	EXCEP-IFS-DOCU-NO.
JO-NO	EXCEP-JO-NO.
SUB-JO-NO	EXCEP-SUB-JO-NO.
COST-CEN-MGR	EXCEP-REPORTING-COST-CEN-MGR.
EOR	EOR derived in process.
TASK-CD	EXCEP-TASK-CD.
SSAN	S2K.LBRM SSAN.
TY-LBR-CD	AL when EXCEP-TY-HRS equals 0A.
	SL when EXCEP-TY-HRS equals 0D
	OL when EXCEP-TY-HRS equals 0K.
	OT when EXCEP-TY-HRS equals 02.
	RT when EXCEP-TY-HRS equals anything else.
DOCU-DT	EXCEP-PAY-PD-END-DT.
UNITS	EXCEP-UNIT.
HRS	EXCEP-HRS.
OBLG-AMT	Zero filled.
EXP-AMT	Computed ACT-AMT.
APPL-CD	08 for last two positions of System ID.

(11) For civilians, the process will generate a commitment, obligation, and expense transaction (TRNS-CD 345).

ELEMENT	PIC	POSITION	VALUE ASSIGNED
CMD-DSG	X(01)	1	CMD-DSG for SSAN.
TRNS-CD	X(03)	2-4	345.
PROC-ACT-CD	X(01)	5	2.
INP-ACT-CD	X(06)	6-11	I00000.
BLK-TKT-NO	X(07)	12-18	PAY plus PAY-PD-END-DT.
BLK-TKT-DT	X(08)	19-26	SOMAUNIQ END-PRD-DT in CCYYMMDD.
UPDT-CD	X(02)	27-28	CM.
JO-NO	X(06)	29-34	EXCEP-JO-NO.
EOR	X(04)	35-38	See note below.

ELEMENT	PIC	POSITION	VALUE ASSIGNED
COMT-REF-NO	X(14)	39-52	Position 1 equals P. Position 2 equals table-converted value of position 2 of the SOMAUNIQ payroll register number. Positions 3-8 equal JO-NO. Positions 9-10 equal positions 1-2 of COST-CEN-MGR.
OBLG-REF-NO-SPIIN	X(18)	53-70	PAY plus SOMAUNIQ CURR-FY.
COST-CEN-MGR	X(06)	71-76	EXCEP-REPORTING-COST-CEN-MGR.
DOCU-DT	X(08)	77-84	SOMAUNIQ END-PRD-DT in CCYYMMDD.
ACT-AMT	S9(10)V99	85-96	Computed action amount of cumulative record.
WI-FED-GOVT-CD	X(01)	97	F when positions 1-2 of EOR equals 12, 13, 15, or 17 and position 3 equals G, H, K, L, M, N, Q, R, V, X, or Y, otherwise equals O.
OBLG-STAT-CD	X(01)	98	2.
OBLG-EXPIR-DT	X(08)	99-106	Zeros.
JV-NO	X(06)	107-112	Spaces.
OBLG-TY-CD	X(01)	113	L.
AMD-NO	X(02)	114-115	Spaces.
QTY	S9(09)	116-124	Zeros.
WT-LBS	S9(05)	125-129	Zeros.
HRS	S9(06)V99	130-137	Computed hours of cumulative record.
NOMENCLATURE	X(35)	138-172	Spaces.
CLIN	X(06)	173-178	Spaces.
ACRN	X(02)	179-180	Spaces.
MOD-NO	X(06)	181-186	Spaces.
SUB-JO-NO	X(08)	187-194	EXCEP-SUB-JO-NO.
IFS-DOCU-NO	X(18)	195-212	EXCEP-IFS-DOCU-NO.
LBR-PAY-PD-NO	X(14)	213-226	PAY plus PAY-PD-END-DT.

ELEMENT	PIC	POSITION	VALUE ASSIGNED
PROD-IND	X(01)	227	P when TY-HRS equals 01, 02, and 05, otherwise equals N. Equals P for TY-HRS of 08 when processing the exception. The generate 08 transaction will equal N.
FILLER	X(73)	228-300	Spaces.

Note. The SOMASEOR file is read for the assignment of the EOR. The process uses the exception TY-HRS and the employees' WORK-SCHED, TEMP-POS-CD, CIV-TY, EMPLY-TY-CD, and GRADE-IND to locate an EOR on the file. If the EOR is not located, then the process uses default values for these elements. It uses F as the WORK-SCHED, N as the TEMP-POS-CD, 101 as the CIV-TY, * (asterisk) as the EMPLY-TC-CD, and G a the GRADE-IND. If the EOR cannot be located using the default values, then all zeros are moved to the EOR.

(12) If the exception job order contains a value in JO-NO-COMT-REF-NO, the process will also generate a related decommitment transaction (TRNS-CD 320).

ELEMENT	PIC	POSITION	VALUE ASSIGNED
CMD-DSG	X(01)	1	CMD-DSG for SSAN.
TRNS-CD	X(03)	2-4	320.
PROC-ACT-CD	X(01)	5	2.
INP-ACT-CD	X(06)	6-11	I00000.
BLK-TKT-NO	X(07)	12-18	PAY plus PAY-PD-END-DT.
BLK-TKT-DT	X(08)	19-26	SOMAUNIQ PAY-PD-END-DT in CCYYMMDD.
UPDT-CD	X(02)	27-28	CM.
JO-NO	X(06)	29-34	BULK-JO-NO related to JO-COMT-REF-NO.
COMT-REF-NO	X(14)	35-48	JO-COMT-REF-NO in JO-NO-RECORD for exception JO-NO.
DOCU-DT	X(08)	49-56	SOMAUNIQ PAY-PD-END-DT in CCYYMMDD.
COMT-ADJ-AMT	S9(10)V99	57-68	Computed adjustment amount of cumulative record.
JV-NO	X(06)	69-74	Spaces.
SUB-JO-NO	X(08)	75-82	Spaces.
COST-CEN-MGR	X(06)	83-88	Spaces.
FILLER	X(212)	89-300	Spaces.

(13) For military, the process will generate a military labor transaction (TRNS-CD 798).

ELEMENT	PIC	POSITION	VALUE ASSIGNED
CMD-DSG	X(01)	1	CMD-DSG for SSAN.
TRNS-CD	X(03)	2-4	798.
PROC-ACT-CD	X(01)	5	2.
INP-ACT-CD	X(06)	6-11	I00000.
BLK-TKT-NO	X(07)	12-18	PAY plus PAY-PD-END-DT.
BLK-TKT-DT	X(08)	19-26	SOMAUNIQ END-PRD-DT in CCYYMMDD.
UPDT-CD	X(02)	27-28	CM.
SUB-JO-NO	X(08)	29-36	EXCEP-SUB-JO-NO.
JO-NO	X(06)	37-42	EXCEP-JO-NO.
COST-CEN-MGR	X(06)	43-48	EXCEP-REPORTING-COST-CEN-MGR.
RANK	X(02)	49-50	RANK of cumulative record.
MIL-ACT-AMT	S9(10)V99	51-62	Computed action amount of cumulative record.
MIL-HRS	S9(06)V99	63-70	Computed hours of cumulative record.
CONTR-HRS	S9(06)V99	71-78	Zeros.
IFS-DOCU-NO	X(18)	79-96	EXCEP-IFS-DOCU-NO.
TASK-CD	X(05)	97-101	EXCEP-TASK-CD.
FILLER	X(199)	102-300	Spaces.

(14) All transactions generated will update the S2K.FUND and the SOMALBRD files. The generated COED transactions for equipment rental are updated to the S2K.FUND file only.

(15) During the processing of transactions in System ID 1908, certain labor process codes (LBR-PROC-CDs) are assigned to aid the process in designating the proper TRNS-CD for update to the S2K.FUND file. In addition, these codes are passed with the transaction to interfacing System IDs so that process can determine where the transaction was last updated. This code is updated to the SOMALBRD file and can be used to aid in the identification of which System ID and which process within that System ID created the file updates. These codes are shown below for System ID 1908.

LABOR PROCESS CODES

LBR-PROC-CD	TRANS TYPE	TRNS-CD	EXPLANATION
S	COE	345	Regular daily labor for civilian (daily labor applicable)
F	COE	345	Year-end civilian daily Labor for the split pay period (daily labor applicable)
N		798	Daily labor for military (daily labor applicable)

(16) When the process attempts to update generated transactions in the S2K.FUND file and the JO-NO cannot be located, the process will reject the transaction with reject UJ5. The process will send the rejected to System ID 1916 where that process will attempt to perform the same update. System ID will recycle the rejected transaction until it updates the file. For this transaction to clear, the reject JO-NO must be re-entered into the system.

(17) Information pertinent to all daily labor transactions processed by this System ID is routed to System ID 1902 (bi-weekly civilian labor). System ID 1902 will reconcile daily labor costs to the actual costs provided by the DCPS interface for the current pay period.

* (18) Daily labor can run up to the time of System ID 1903 (labor accruals); however, daily labor cannot resume until the accrual has been reversed by the accrual reversal module in this System ID.

b. Rejected Transaction Report, PCN B67AXXL054R provides user personnel with labor error conditions encountered for each labor System ID process and the corrective action taken to continue processing. This report is produced when errors were encountered during the read of the SOMALBCC and S2K.LBRM files.

(1) The report indicates, by error code, labor records created and transactions modified, bypassed, and not processed. Page 1 of the report contains each error code with an explanation.

(2) This report is also produced by System IDs 1902, 1903, 1904, 1909, 1923, 1933, 1955, and 1973.

*3.2.3.12. System ID 1909, Leave Accrual Process. This process uses output from the bi-weekly labor, daily labor, accrual labor, and labor cost transfer processes to generate additional leave accrual charges for each productive job order charged. An identical credit charge is also made to the standard offset job order. Using this method, each productive type hour worked will be charged a prorated share of the total yearly leave taken. The standard offset job order should be charged when leave is actually taken. System ID 1909 is an as-required process intended to be scheduled following each bi-weekly labor (System ID 1902), daily labor (System ID 1908), accrual labor (System ID 1903), and labor cost transfer (System ID 1923).

a. Certain file conditions must exist before the leave accrual process can be scheduled.

(1) The S2K.LBRM file record for each employee to receive leave accrual processing must be marked as leave accrual applicable (LV-ACCR-APPL-CD must equal Y). This can be accomplished by using TRNS-CD 810. Refer to ADSM 18-C99-JAQ-ZZZ-UM-02 for a detailed discussion and screen samples for TRNS-CD 810.

(2) The SOMARATE leave accrual record must be populated to contain those COST-CEN-MGR's where leave accrual is applicable. This can be accomplished by using TRNS-CD 828. Refer to ADSM 18-C99-JAQ-ZZZ-UM-02 for a detailed discussion and screen samples for TRNS-CD 828. The COST-CEN-MGR can be a one-position through a six-position code. The number of positions selected determines the length of all COST-CEN-MGR's used for each leave accrual record for a given CMD-DSG. The COST-CEN-MGR of the leave accrual record will be tied back to the following:

(a) The standard leave accrual offset job number (LV-ACCR-OFST-JO-NO) is used as the credit job order number.

(b) Leave accrual percentage (LV-ACCR-PCT) is the rate at which input computed labor dollars are to be multiplied to determine the leave accrual transaction value for TY-HRS 01.

(c) Leave accrual fringe benefit percentage (LV-ACCR-FB-PCT) is the rate at which input related fringe benefits are to be multiplied to determine the leave accrual transaction value for each fringe benefit.

b. The transactions processed within this process will retain the input EOR, TRNS-CD, zero hours, and mirror the System ID action from which the transaction was input with the following exceptions:

(1) System ID 1902.

(a) Adjustments and disbursements for prior year records will not be sent to the leave accrual process.

(b) Next month disbursements will be treated as current month disbursements in this process.

(2) System ID 1903.

(a) Year-end accrual labor transactions treated as actual will be modified to include a disbursement for the leave accrual process.

(b) Prior to update to the S2K.FUND file, all leave accrual transactions originating as labor accruals are duplicated with the dollar amounts reversed. Transactions that are not daily labor applicable are sent forward to the biweekly labor process, System ID 1902. Transactions that are daily labor applicable are sent forward to the daily labor process, System ID 1908. These labor processes will then reverse the applicable S2K.FUND file update of the prior month leave accruals. For the year-end leave accrual treated as actual, no reversals will occur.

c. Labor Process Codes Assigned. All individual labor transactions generated for update to the SOMALBRD file are assigned a labor process code. System ID's that pass transactions to System ID 1909 made the original assignment of this code. When System ID receives a labor process code of C and F (year-end applicable transactions not daily labor and daily labor applicable), the process changes these codes to L and T. Year-end leave accrual for the split pay that is not daily labor applicable is changed to L. Year-end leave accrual for the split pay that is daily labor applicable is changed to T. Refer to System IDs 1902, 1903, and 1908 for other code assignments.

d. Generated Accounting Transactions. All summarized payroll records generate accounting transactions for update to the S2K.FUND file. The transaction generated depends upon which System ID generated the leave accrual applicable transaction and the original labor process code assigned.

(1) Commitment, Obligation, and Expense transaction (TRNS-CD 345). The process generates TRNS-CD 345 when System ID 1903 passes leave accrual applicable transactions to System ID 1909 and the labor process code equals A or J. These values are assigned the generated transaction.

ELEMENT	PIC	POSITION	VALUE ASSIGNED
CMD-DSG	X(01)	1	Input DTL-CMD-DSG.
TRNS-CD	X(03)	2-4	345.
PROC-ACT-CD	X(01)	5	2.
INP-ACT-CD	X(06)	6-11	I00000.
BLK-TKT-NO	X(07)	12-18	APL1909.
BLK-TKT-DT	X(08)	19-26	Systems date in CCYYMMDD format.
UPDT-CD	X(02)	27-28	CM.
JO-NO	X(06)	29-34	Input DTL-JO-NO (Debit). Related LV-ACCR-OFST-JO-NO (Credit).
EOR	X(04)	35-38	Input DTL-EOR.
COMT-REF-NO	X(14)	39-52	Positions 1-2 equal LV. Positions 3-8 equal generated JO-NO. Positions 9-10 equal positions 1-2 of LV-ACCR-CCM.
OBLG-REF-NO-SPIIN	X(18)	53-70	Input DTL-OBLG-REF-NO.
COST-CEN-MGR	X(06)	71-76	Input DTL-REPORTING-CCM or S2K.FUND JO-COST-CEN-MGR for LV-ACCR-OFST-JO-NO.
DOCU-DT	X(08)	77-84	Systems date in CCYYMMDD format.
ACT-AMT	S9(10)V99	85-96	Calculated amount as defined above.
WI-FED-GOVT-CD	X(01)	97	F when positions 1-2 of generated EOR equals 12, 13, 15, or 17 and position 3 of that EOR equals G, H, K, L, M, N, Q, R, V, X, or Y, otherwise equals alpha O.
OBLG-STAT-CD	X(01)	98	2.
OBLG-EXPIR-DT	X(08)	99-106	Positions 1-4 equal SOMAUNIQ CURR-FY. Positions 5-8 equal 0930.
JV-NO	X(06)	107-112	Spaces.
OBLG-TY-CD	X(01)	113	L.
AMD-NO	X(02)	114-115	Spaces.
QTY	S9(09)	116-124	Zeros.
WT-LBS	S9(05)	125-129	Zeros.

ELEMENT	PIC	POSITION	VALUE ASSIGNED
HRS	S9(06)V99	130-137	Zeros.
NOMENCLATURE	X(35)	138-172	Spaces.
CLIN	X(06)	173-178	Spaces.
ACRN	X(02)	179-180	Spaces.
MOD-NO	X(06)	181-186	Spaces.
SUB-JO-NO	X(08)	187-194	Input DTL-SUB-JO-NO (Debit). Spaces (Credit).
IFS-DOCU-NO	X(18)	195-212	Input DTL-IFS-DOCU-NO (Debit). Spaces (Credit).
LBR-PAY-PD-NO	X(14)	213-226	Input DTL-PAY-PD-NO.
PROD-IND	X(01)	227	Input DTL-PROD-IND (Debit). N (Credit).
FILLER	X(73)	228-300	Spaces.

(2) Commitment, Obligation, Expense and Disbursement, By Us, transaction (TRNS-CD 623). The process generates TRNS-CD 623 when System IDs 1902, 1903, 1908, and 1923 passes leave accrual applicable transactions to System ID 1909 and the labor process code does not equal A or J. These values are assigned the generated transaction.

ELEMENT	PIC	POSITION	VALUE ASSIGNED
CMD-DSG	X(01)	1	Input DTL-CMD-DSG.
TRNS-CD	X(03)	2-4	623.
PROC-ACT-CD	X(01)	5	2.
INP-ACT-CD	X(06)	6-11	I00000.
BLK-TKT-NO	X(07)	12-18	APL1909.
BLK-TKT-DT	X(08)	19-26	Systems date in CCYYMMDD format.
UPDT-CD	X(02)	27-28	CM.
JO-NO	X(06)	29-34	Input DTL-JO-NO (Debit). Related LV-ACCR-OFST-JO-NO (Credit).
EOR	X(04)	35-38	Input DTL-EOR.
COMT-REF-NO	X(14)	39-52	Positions 1-2 equal LV. Positions 3-8 equal generated JO-NO. Positions.9-10 equal positions 1-2 of LV-ACCR-CCM.

ELEMENT	PIC	POSITION	VALUE ASSIGNED
OBLG-REF-NO-SPIIN	X(18)	53-70	Input DTL-OBLG-REF-NO.
COST-CEN-MGR	X(06)	71-76	Input DTL-REPORTING-CCM or S2K.FUND JO-COST-CEN-MGR for LV-ACCR-OFST-JO-NO.
DOCU-DT	X(08)	77-84	Systems date in CCYYMMDD format.
ACT-AMT	S9(10)V99	85-96	Calculated amount as defined above.
WI-FED-GOVT-CD	X(01)	97	F when positions 1-2 of generated EOR equals 12, 13, 15, or 17 and position 3 of that EOR equals G, H, K, L, M, N, Q, R, V, X, or Y, otherwise equals alpha O.
DOV-NO	X(06)	98-103	APL1909.
DSSN	X(04)	104-107	SOMAUNIQ CMD-DSSN.
DELMARS-XMIT-NO	X(02)	108-109	Spaces.
OBLG-STAT-CD	X(01)	110	2.
OBLG-EXPIR-DT	X(08)	111-118	Positions 1-4 equal SOMAUNIQ CURR-FY. Positions 5-8 equal 0930.
FIN-PRT-CD	X(01)	119	F.
COUNTRY-CD	X(02)	120-121	Spaces.
JV-NO	X(06)	122-127	Spaces.
OBLG-TY-CD	X(01)	128	L.
AMD-NO	X(02)	129-130	Spaces.
QTY	S9(09)	131-139	Zeros.
WT-LBS	S9(05)	140-144	Zeros.
HRS	S9(06)V99	145-152	Zeros.
NOMENCLATURE	X(35)	153-187	Spaces.
CLIN	X(06)	188-193	Spaces.
ACRN	X(02)	194-195	Spaces.
MOD-NO	X(06)	196-201	Spaces.
SUB-JO-NO	X(08)	202-209	Input DTL-SUB-JO-NO (Debit). Spaces (Credit).
IFS-DOCU-NO	X(18)	210-227	Input DTL-IFS-DOCU-NO (Debit). Spaces (Credit).

ELEMENT	PIC	POSITION	VALUE ASSIGNED
LBR-PAY-PD-NO	X(14)	228-241	Input DTL-PAY-PD-NO.
PROD-IND	X(01)	242	Input DTL-PROD-IND (Debit). N (Credit).
FILLER	X(58)	243-300	Spaces.

(3) Decommitment transactions (TRNS-CD 320). When processing the labor job order record and the S2K.FUND job order record contains a value in JO-NO-COMT-REF-NO, the process will also generate TRNS-CD 320. For TRNS-CD 320 to be generated, the JO-NO-COMT-REF-NO value must be located as an existing commitment record on the S2K.FUND file, and the calculated result must be greater than zero. The generated transaction is assigned these values.

ELEMENT	PIC	POSITION	VALUE ASSIGNED
CMD-DSG	X(01)	1	Input DTL-CMD-DSG.
TRNS-CD	X(03)	2-4	320.
PROC-ACT-CD	X(01)	5	2.
INP-ACT-CD	X(06)	6-11	I00000.
BLK-TKT-NO	X(07)	12-18	APL1909.
BLK-TKT-DT	X(08)	19-26	SOMAUNIQ SYS-PAY-PD-END-DT.
UPDT-CD	X(02)	27-28	CM.
JO-NO	X(06)	29-34	The S2K.FUND JO-NO related to the JO-NO-COMT-REF-NO for the input DTL-JO-NO or the SOMARATE LV-ACCR-OFST-JO-NO.
COMT-REF-NO	X(14)	35-48	The JO-NO-COMT-REF-NO from the SOMALJOR file related to the input DTL-JO-NO or the SOMARATE LV-ACCR-OFST-JO-NO.
DOCU-DT	X(08)	49-56	Systems date in CCYYMMDD format.
COMT-ACT-AMT	S9(10)V99	57-68	TRNS-CD 345 or 623 generated amount.
JV-NO	X(06)	69-74	Spaces.
SUB-JO-NO	X(08)	75-82	Spaces.
COST-CEN-MGR	X(06)	83-88	Input DTL-REPORTING-CCM or SOMALJOR JO-CCM for SOMARATE LV-ACCR-OFST-JO-NO.
FILLER	X(212)	89-300	Spaces.

e. When the process attempts to update generated transactions to the S2K.FUND file and the JO-NO cannot be located, the process will reject the transaction with reject UJ5. The process will send the rejected transaction to System ID 1916 where that process will attempt to perform the same update. System ID 1916 will recycle the rejected transaction until it updates the file. For this transaction to clear, the reject JO-NO must be re-entered into the system.

f. After the S2K file update, the following additional actions are performed for all transactions:

(1) Cost add-on transactions are created for reimbursable order applicable data to be used in the Bill Cycle Extract and Update, System ID 1933. Transactions passed are those where RESR-TY-FIN-CD equals 2 or 6, the REIMB-PROC-CD equals B, D, E, G, H, J, K, O, or P, and the EOR contains specific values. The EOR's passed are those where positions 1 and 2 equal 11, 14, or 16 and position 3 equals B, G, H, J, or L, and where positions 1 and 2 equal 12, 15, or 17 and position 3 equals K, L, N, Q, X, or Y.

(2) Cost add-on transactions are created for FMS applicable data to be used in the FMS Administrative Costs Process, System ID 1973. Transactions passed are those where the RESR-TY-FIN-CD equals 1, the APROP-SYM equals 8242, the FMS-ADD-ON-CD equals A or B, and the EOR contains specific values. The EOR's passed are those where positions 1 and 2 equal 11, 14, or 16 and position 3 equals B, G, H, J, or L, and where positions 1 and 2 equal 12, 15, or 17 and position 3 equals K, L, N, Q, X, or Y.

(3) All valid and invalid transactions are passed to System ID 1918 to appear on the daily reports and to be passed on for update to the S2K.GNLR file.

g. Rejected Transaction Report, PCN B67AXXL054R provides user personnel with labor error conditions encountered for each labor System ID process and the corrective action taken to continue processing. This report is produced when errors were encountered during the read of the SOMARATE and SOMALJOR files.

(1) The report indicates, by error code, input transactions that were bypassed because the DTL-ASSIGNED-CCM did not match a LV-ACCR-CCM in the SOMARATE file. Page 1 of the report contains each error code with an explanation. This System ID generates error code 03.

(2) This report is also produced by System IDs 1902, 1904, 1908, 1909, 1923, 1933, 1955, and 1973.

3.2.3.13 System ID 1910, Monthly Summary of Labor Charges. System ID 1910 extracts data from the SOMAUNIQ and SOMALBRD files to create the monthly summary labor reports. Data extracted from the SOMAUNIQ file are the CMD-DSG and the command address lines that are used in the header section of the reports. Employee information and payroll costs are extracted from the SOMALBRD file.

a. Monthly Summary of Labor Charges, by Cost Center and Job Order, PCN B67AXXK194R. This as-required report summarizes monthly labor charges by cost center manager and job order.

(1) Data displayed and summarized on the report are reporting cost center, job order, sub job order, IFS document number, task code, name, SSAN, pay period end date, EOR, type hours, LBR-PROC-CD, transaction code, hours, and dollars.

(2) Totals of hours and dollars are provided by pay period end date, job order, and reporting cost center, for all reporting cost centers, and for all reporting cost centers for the CMD-DSGs.

b. Monthly Summary of Labor Charges by SSAN, PCN B67AXXK214R. This as-required report summarizes monthly labor charges by SSAN.

(1) Data displayed and summarized on the report are SSAN, name, reporting cost center job order, sub job order, IFS document number, task code, pay period end date, EOR, type hours, LBR-PROC-CD, hours, and dollars.

(2) Totals of hours and dollars are provided by pay period end date, LBR-PROC-CD, and SSAN for an individual SSAN, for all SSANs, and for all SSANs for the CMD-DSG.

c. Monthly Summary of Labor Charges, by Cost Center and SSAN, PCN B67AXXK234R. This as-required report summarizes monthly labor charges by cost center and SSAN.

(1) Data displayed and summarized on the report are reporting cost center, SSAN, name, job order, sub job order, IFS document number, task code, pay period end date, EOR, type hours, LBR-PROC-CD, transaction code, hours, and dollars.

(2) Totals of hours and dollars are provided by pay period end date, LBR-PROC-CD, and reporting cost center manager, for all reporting cost centers, and for all reporting cost centers for the CMD-DSG.

3.2.3.14 System ID 1911, Labor Detail Transaction Reports Process. This System ID has two purposes. First, it reads the detail labor cost transfers transaction, File ID RAKHBNB01 and updates the SOMALBRD file with the manual labor transactions contained on the input File ID passed from System IDs 1916, 1933, and 1973. Secondly, it extracts data from both the SOMAUNIQ and SOMALBRD files to create the labor detail reports listed below. Data extracted from the SOMAUNIQ file are the CMD-DSG and the command address lines that are used in the header section of the reports. Employee information and payroll costs are extracted from the SOMALBRD file.

a. Labor Recap Report by Payroll Control Number, PCN B67AXXF044R. This report summarizes and displays by type of hours, the current pay period and month to date labor costs. Current pay period hours and dollars reflect the last regular bi-weekly, accrual, or military labor processed prior to this report output.

(1) Data displayed on the report are type hours and type hour definition within three groupings: productive, non-productive, and fringe benefits. Also displayed are current pay period hours and dollars, and month to date hours and dollars.

(2) Totals are provided for each grouping and the payroll control number. A grand total is provided for military/DCPS labor for the CMD-DSG.

b. Reporting CCM Labor Outside Assigned CCM Report, PCN B67AXXF054R. This report provides a list, by the reporting cost center manager, of employees that charged labor to cost areas other than their own.

(1) Data displayed on the report are reporting cost center, JO-NO, sub job order, IFS document number, task code, employee name, SSAN, assigned cost center, and payroll control number. Also displayed are the current pay period hours and dollars reflecting the last regular bi-weekly and accrual labor processed prior to this report output, and the month to date hours and dollars shown reflecting all pay periods posted in the file.

(2) Totals are provided for each reporting cost center manager. A grand total is provided for the total reporting cost center manager labor outside, and an assigned cost center manager for the CMD-DSG.

c. Labor Recap Report by SSAN, PCN B67AXXF074R. This report displays by SSAN, each employee's labor cost, summarized by the work type (regular, overtime, and so forth) in job order sequence. The report data represents the most recent labor processed.

(1) Data displayed on the report are SSAN, payroll control number, rank (if military), reporting cost center manager, job order, sub job order, IFS document number, task code, type hours, EOR, and, where applicable, the assigned cost center manager charged. Also displayed are the hours, gross pay, and fringe benefits.

(2) Totals of hours, gross pay, and fringe benefits are provided for the SSAN. A grand total is also provided for the CMD-DSG.

d. Labor Cost Recap Report by Reporting CCM/SSAN, PCN B67AXXF084R. This report summarizes and displays the current pay period and month to date labor cost. Current pay period hours and dollars reflect the last regular bi-weekly, accrual, or military labor processed prior to this report output.

(1)   Data displayed are reporting cost center manager, job order, sub job order, payroll control number, task code, employee name, SSAN, type hours, and EOR. Also displayed is the labor cost (hours and dollars) by employees within a cost center, by JO-NO, in type hour, and EOR sequence.

(2) Totals are provided for the reporting cost center. A grand total is provided for the reporting cost center managers and SSANs for the CMD-DSG.

e.   Labor Cost Transfers, PCN B67AXXF094R. This report lists by cost center manager, the employee's labor transfers for the current pay period and for the month to date. Totals and page breaks are provided for each cost center. Grand totals are provided for civilian and military labor.

3.2.3.15 System ID 1912, Advance Accounting Extract Process. This process reads the S2K.FUND file and extracts outstanding travel advance data, such as, RESOURCE, ADV-PROGRAM, and ADV-SUMMARY record information from the file and creates the cyclic data management routine queue (CDMRQ) RAKHAXB01, Extracted Advance Transactions which are read, sorted, and used to produce two outstanding travel advance reports. The process can be run at any time during the month.

a.   Outstanding Travel Advances by Program Control Key, PCN B67AXXF154R. This three-part report lists outstanding travel advances by program control key. Information is organized into the prescribed report formats showing the outstanding balances by employee detail, age code, and instance of delinquency.

(1) Part I is the detail by employee name portion of the outstanding travel advance report. Records with outstanding travel advances are extracted from the advance file and sorted by CMD-DSG and program control key. The outstanding balances cumulative from inception and according to the end of the month are calculated, aged, and displayed as each record is listed in alphabetical order. Dollar values are totaled by age code in this report section.

(2) Part II is the totals by age portion of the outstanding travel advance report. All of the cumulative from inception age code totals for a specific sort key record group are listed on a single line. This section is also organized by CMD-DSG.

(3) Part III of the outstanding travel advance report reflects the instance of delinquency for each sort key record group. The sorts for this section are the same as those for Parts I and II. Totals are calculated showing the absolute number of records in each of the age categories by CMD-DSG.

b. Outstanding Travel Advances by Name, PCN B67AXXF164R. This report provides by employee name, those travel advances with an outstanding balance. The system extracts only those records from the S2K.FUND file where allotment code equals 0930 and various AMS codes where the advance cumulative from inception amount plus the advance recoupment cumulative from inception does not equal zero. The report, organized by CMD-DSG, lists each record alphabetically by employee last name along with its aged outstanding balance.

3.2.3.16 System ID 1913, Integrated Facilities System Document File Update. On a daily basis, the IFS makes available the master service order/phase (MSO/P) file. This file contains new records (miscellaneous indicator (MISC-IND) = A for add) or changes to existing records (MISC-IND = C for change or D for delete). The file is never a file replacement. It creates or modifies the data contained in the SOMAIFSD file.

a. Description of MSO/P File. The incoming MSO/P file is moved to a temporary File ID and stays there until it successfully passes the SOMAJOR file validations. The file data contained in this temporary file builds and updates the SOMAIFSD file. The SOMAIFSD file is used by on-line and batch programs to validate the IFS-DOCU-NO, JO-NO, and SUB-JO-NO combinations on input transactions.

ELEMENT NAME	PIC	COLUMN	VALUE ASSIGNED
DIC	X(03)	1-3	Constant ZIE.
FILLER	X(03)	4-6	Spaces.
JO-NO	X(10)	7-16	Positions 1-6 equals JO-NO; positions 7-10 equals SUB-JO-NO.
DEPOT CODE	X(01)	17	Not used.
IFS DOCU-NO	X(18)	18-35	See note 1.
WORK STATUS	X(03)	36-38	CAN (canceled), CMP (completed), or DIS (disapproved).
FILLER	X(43)	38-81	Spaces.
MISC-IND	X(01)	82	A (add), C (change), or D (delete).
FILLER	X(01)	83	Spaces.
ACTION INDICATOR	X(01)	84	Not used.
FILLER	X(120)	85-200	Spaces.

Note 1. The IFS-DOCU-NO is a concatenation of the following:

ELEMENT	POS	COLUMN
REQUESTER INSTALLATION NUMBER	5	1-5
REQUESTER CUSTOMER ID (See Note 2)	1-3	6-8
DOCUMENT SERIAL NUMBER	5	9-13
FY	1	14
DOCUMENT TYPE	1	15
PHASE CODE	1-3	16-18

Note 2. The REQUESTER CUSTOMER ID is variable length and embedded spaces are allowed as determined by the IFS. If DOCUMENT TYPE equals R, then positions 16 through 18 are always blank. All other document types will have values in positions 16 through 18.

   b. Edit Criteria and Update Logic. Data on the temporary File ID must pass certain edit conditions before the record can be updated to the SOMAIFSD file. If the record cannot pass the necessary edit checks, then the record will be recycled until the next cycle or until six attempts have been made to pass the edits. After six attempts, the record is removed from the temporary File ID. The IFS is not notified of this action. The edit checks are as follows:

   (1) When the MSO/P DOCU-NO already exists on the SOMAIFSD file, then positions 1 though 6 of the record's JO-NO must match the SOMAIFSD JO-NO and positions 7 through 10 must match the SOMAIFSD SUB-JO-NO.

(a) If the JO-NO/SUB-JO-NOs do not match and the MISC-IND equals D, the current SOMAIFSD record is deleted from the file.

(b) If the JO-NO/SUB-JO-NOs do not match and the MISC-IND equals A or C, then positions 1 through 6 of the MSO/P JO-NO is located on the SOMALJOR. When the record is located and the IFS applicable indicator (IFS-APPL-IND) equals Y (yes), then the current SOMAIFSD record is deleted and replaced with the incoming record. This action indicates that the IFS had changed the DOCU-NO and JO-NO combination. When the record is located and the IFS-APPL-IND equals N (no), then the record is recycled for the next run. This indicates that the incoming data are not compatible.

(c) If the JO-NO/SUB-JO-NOs do not match and the MISC-IND equals A or C, and positions 1 through 6 of the MSO/P JO-NO is not located on the SOMALJOR, then the record is recycled for the next run.

(d) If the JO-NO/SUB-JO-NOs match and the MISC-IND equals D, the SOMAIFSD record is deleted from the file.

(e) If the JO-NO/SUB-JO-NOs match and the MISC-IND equals A or C, then positions 1 through 6 of the MSO/P JO-NO is located on the SOMALJOR. When the record is located and the IFS-APPL-IND equals Y (yes), then the work status is updated to the SOMAIFSD record. This action indicates that the SOMAIFSD record is still in use by the IFS; however, its status may have changed. When the record is located and the IFS-APPL-IND equals N (no), then the record is recycled for the next run. This indicates that the MSO/P JO-NO may be IFS applicable in the IFS but is not IFS applicable in SOMARDS. If it is determined that the IFS is correct, then the IFS applicability must be changed in SOMARDS and passed to IFS by the scheduling of System ID 1954.

(f) If the JO-NO/SUB-JO-NOs match and the MISC-IND equals A or C, and positions 1 through 6 of the MSO/P JO-NO is not located on the SOMALJOR, then the record is recycled for the next run. This indicates that the MSO/P JO-NO is not a valid SOMARDS JO-NO.

(2) When the MSO/P IFS DOCU-NO does not exists in the SOMAIFSD file, the MISC-IND determines if the data will be processed and updated to the SOMAIFSD file.

(a) When the MISC-IND equals D, then the record is bypassed and is not processed.

(b) When the MISC-IND equals A or C and the MSO/P JO-NO is located on the SOMALJOR file, and that JO-NO is IFS applicable, then the record is updated to the SOMAIFSD file.

(c) When the MISC-IND equals A or C and the MSO/P JO-NO is located on the SOMALJOR file, and that JO-NO is not IFS applicable, then the record is recycled for the next run. If it is determined that the IFS is correct, then the IFS applicability must be changed in SOMARDS and passed to IFS by the scheduling of System ID 1954.

(d) When the MISC-IND equals A or C and the MSO/P JO-NO is not located on the SOMALJOR file, then that record is recycled for the next run.

c. Data Elements Updated. The SOMALJOR CMD-DSG is moved to the SOMAIFSD CMD-DSG. The MSO/P IFS DOCU-NO is moved to the SOMAIFSD IFS-DOCU-NO. Positions 1 though 6 of the MSO/P JO-NO are moved to the SOMAIFSD JO-NO. Positions 7 through 10 of the MSO/P JO-NO are moved to the SOMAIFSD SUB-JO-NO. The incoming work status is moved to the SOMAIFSD WORK-STAT.

d. SOMAIFSD File Build Report, PCN B67AXXM034R. All records passed to SOMARDS on the MSO/P file by the IFS are accounted for on this hardcopy output report. Only one report is produced for all CMD-DSGs related to a specific database and reports on additions, deletion, changes, or the recycling of the passing file data.

(1) The report is sorted by IFS-DOCU-NO, JO-NO, and SUB-JO-NO and can be produced daily. For each record on the file, the report displays the IFS-DOCU-NO, JO-NO, SUB-JO-NO, WORK-STAT, MISC-IND, ACT-IND on the left side, and on the right side, displays either the current or updated IFS-DOCU-NO, JO-NO, SUB-JO-NO, WORK-STAT, and CMD-DSG from the SOMAIFSD file related to that record.

(2) The report displays five record types.

Record	Type
1	MSO/F records added to the SOMAIFSD file in the current cycle.
2	SOMAIFSD file records that were changed in the cycle.
3	MSO/F records that failed edit validation and were recycled for the next run or have been recycled less that six times.
4	SOMAIFSD records deleted.
5	MSO/P records removed after five recycles. No updates were ever made to SOMAIFSD file.

3.2.3.17 System ID 1916, Funds Control/Execution Update. This System ID performs the batch processing for PROC-ACT-CD 1 transactions, and the file validation and updates for PROC-ACT-CD 2 transactions. The appropriate files are updated and all transactions are written to the daily transaction register (DTR) transaction File ID for further processing in System ID 1918. When PROC-ACT-CD equals 2 and rejects have occurred, the applicable reject code is moved to the REJ-CD field of File-ID DAKHALB01.

a. Sources of Input.

(1) Many batch SOMARDS System IDs pass both valid and invalid transactions for further processing.

(2) MDMS System ID 687 passes obligation transactions (TRNS-CD 511) for update to the S2K.FUND file.

(3) MDMS System ID 693 passes commitment transactions (TRNS-CD 310) for file validation and update to the S2K.FUND file.

(4) CCSSMIL System ID 405 passes obligation transactions (KEA transactions) for sorting:

(a) Transactions that relate to CCSS are routed to System ID 406 for further processing.

(b) Transactions that relate to SOMARDS are reformatted into TRNS-CD 510/540 for file validation and update to the S2K.FUND file.

b. Batch labor processes pass COED transactions to System ID 1916 for file validation and update to the S2K.FUND file.

(1) All valid transactions are passed to System ID 1918 (for report purposes and for further processing) and to System ID 1919 for DELMARS reporting.

(2) Valid transactions for specific REIMB-PROC-CDs are passed to System ID 1933 for add-on costing.

(3) Valid transactions with specific FMS add-on codes are passed to System ID 1973 for add-on costing.

(4) Invalid transactions are recycled.

c. All transactions are processed based upon the TRNS-CD and the PROC-ACT-CD. Transactions entered on-line (System ID 1900) contain either PROC-ACT-CD 1 or 2. All batch transactions (System ID 1960 or system-generated by SOMARDS batch processes) contain PROC-ACT-CD 2:

(1) All valid transactions (PROC-ACT-CD equals 2) are updated to the S2K.FUND file.

(2) All invalid transactions (PROC-ACT-CD equals 2) are written to File ID DAKHALB01 and passed to System ID 1918. The reject code assigned will be updated to the SOMABLKT file during System ID 1918 processing, and the transactions can then be corrected on-line using the reject re-entry processing.

(3) All transactions (PROC-ACT-CD equals 1 or 2) are written to File ID DAKHALB01 and passed to System ID 1918 for development of reports and for further processing.

(4) All valid cash flow transactions (advances, disbursements, and collections) are written to File ID DAKHAKF04 and passed to System ID 1919 for DELMARS reporting.

(5) All valid expense transactions (PROC-ACT-CD 1 or 2) where specific EORs and REIMB-PROC-CDs are involved, are written to File ID RAKHEHB01 and passed to System ID 1933 for add-on costing.

(6) All valid expense transactions (PROC-ACT-CD 1 or 2) where specific EORs and FMS add-on codes are involved, are written to File ID RAKOMAF01 and passed to System ID 1973 for add-on costing.

(7) All valid billing transactions (PROC-ACT-CD 1 or 2) are written to File ID RAKHEHB01 and passed to System ID 1934 for generation of the hardcopy bill.

(8) All valid labor transactions (PROC-ACT-CD 1 or 2) are written to File ID RAKHBNB01 and passed to System ID 1911 for report purposes.

(9) Certain commitment transactions (PROC-ACT-CD 1 or 2) are written to File ID DAH9AAF01 and passed to System ID 404.

(10) Certain commitment and obligation transactions (PROC-ACT-CD 1 or 2) are written to File ID DAFH07B02 and passed to System ID 506.

3.2.3.18 System ID 1917, Funds Control Extract. The purpose of this System ID is to extract file data from the S2K.FUND file and produce a hardcopy report.

a. SOMARDS Daily Funds Control Report, PCN B67AXXG414D provides a listing of each resource level record that exists in the S2K.FUND file and provides resource annual program, quarterly funds, cumulative commitments, funds available, cumulative obligations, and unobligated commitments. Additionally, the system calculates and prints the value of the record's unobligated commitments by subtracting the cumulative commitments from the cumulative obligations.

(1) The records are sorted by CMD-DSG, APROP-SYM, OP-AGCY, PY, ALOT, TY-FIN-CD, AMS-CD, and MGR-RESR-REF-NO.

(2) Totals are first provided by CMD-DSG, PY, APROP-SYM, OP-AGCY, ALOT, AMS-CD, and TY-FIN-CD combination. Then totals are calculated based on the CMD-DSG PY, APROP-SYM, OP-AGCY, ALOT, and AMS-CD combination. Lastly, totals are calculated based on the CMD-DSG, PY, APROP-SYM, OP-AGCY, and ALOT combination.

b. This process can be run on a daily basis.

3.2.3.19 System ID 1918, Daily Transaction Register Transaction Distribution. System ID 1918 is a daily System ID that processes input from File ID DAKHALB01 (Valid/Invalid DTR Transactions), which is updated by multiple System IDs (834, 1903, 1904, 1905, 1908, 1916, 1923, 1926, 1928, 1931, 1933, 1934, 1935, 1936, 1940, 1960, 1961, 1970, 1971, 1973, 1978, and 1979). Both valid and invalid transactions are written to this File ID to produce various daily output reports. Valid transactions are then routed to other File IDs within SOMARDS for further processing. In addition, extract files are generated in this System ID as input to other DFAS systems.

a. The process reads the SOMARDS SOMABLKC and SOMBLKT files. For each transaction in the input File ID DAKHALB01, it matches the input CMD-DSG, BLK-NO, BLK-TKT-DT, and BATCH-NO to the corresponding components in the SOMABLKC and SOMABLKT files. If a match is found, the next record is read. If an SOMBLKC record match is not found, a new record is added to the SOMABLKC and SOMABLKT files by moving the input CMD-DSG, BLK-NO and BLK-TKT-DT to the SOMABLKC and SOMABLKT files. The process moves spaces to BATCH-NO in the SOMABLKC file and moves the input BATCH-NO to the SOMABLKT file.

b. Depending upon the value (Y = produce report or N = do not produce report) of the corresponding switches located in the SYS-A1918-REPORT-AREA of the UNIQ-SYSTEM-RECORD in the SOMAUNIQ file, the process will produce up to six output reports.

(1) Block Ticket Control Register, PCN B67AXXG354D. This report provides a listing of the valid and invalid transactions that have processed in SOMARDS that have updated the SOMABLKT file.

(a) The report is sorted by transaction code, batch number, block ticket number, and block ticket date. Each transaction is displayed by block ticket number, block ticket date, batch number, transaction code, JO-NO, EOR, record reference, commitment reference number, action amount, quarterly fund amount, and transaction image. If the transaction has rejected, reject code and sequence number are also displayed.

(b) Totals are calculated for the valid dollar amount and rejected dollar amount processed for each transaction code; valid dollar amount and rejected dollar amount processed for each batch number within each transaction code; and valid dollar amount and rejected dollar amount processed for each block number and block ticket date combination within the sort criteria.

(2) Block Ticket Control Register Out of Balance Report, PCN B67AXXG364D. This report provides a listing of out of balance conditions existing in the SOMABLKC and SOMABLKT files. The target values input for a batch number and block ticket number that are in the SOMABLKC file are compared to the actual dollar amounts processed against the batch and block numbers from transactions input in SOMARDS that are in the SOMABLKT file.

(a) The report is sorted by block number, block ticket date, and batch number.

(b) Totals are summarized for each combination of block number, block ticket date, and batch number from the SOMABLKC and SOMABLKT files. For each combination of the sort encountered, the target amount from the SOMABLKC is compared to the input amount from the SOMABLKT file and displayed on the report. The dollar amount of the input transactions that have updated the SOMARDS accounting files and the dollar amount of the input transactions that have rejected in SOMARDS are also displayed on the report for the sort criteria.

(3) SOMARDS Daily Transaction Register, PCN B67AXXG434D. This report provides a summary listing of the valid transactions processed in SOMARDS.

(a) The report is sorted by program control key, block ticket date, and transaction code. Each transaction is displayed by block ticket number, batch number, JO-NO, EOR, record reference, commitment reference number, dollar value, and accounting classification.

(b) Totals are calculated for each transaction code within the sort criteria. Totals are also calculated for block ticket date within the sort criteria.

(4) SOMARDS Daily Transaction Reject Report, PCN B67AXXI164D. This report provides a listing of all rejected transactions processed in SOMARDS during the current cycle or cumulative from inception (if the SYS-CUM-REJ-REPT-SWTCH in the SOMAUNIQ file is set at a Y). The report consists of three parts.

(a) Part I, Rejects This Cycle (or Rejects CFI), lists all transactions from the SOMABLKT that have rejected in SOMARDS during the current cycle or cumulative from inception.

[1] The report is sorted by block ticket date, block number, and batch number. Within the sort criteria, rejected transactions are listed by sequence number, reject code, current/prior code (a code indicating whether the transaction rejected during the current cycle or during a previous cycle (C = current cycle and P = previous cycle)), dollar value, and transaction image.

[2] The total number of rejected transactions is provided for each block and batch combination.

(b) Part II, Summary of Rejects This Cycle (or Rejects CFI), summarizes all transactions from the SOMABLKT file that have rejected in SOMARDS during the current cycle or cumulative from inception.

[1] The report is sorted by block ticket date, block number, and batch number. Each transaction is displayed by transaction code, JO-NO, EOR, record reference, commitment reference number, sequence number, reject code, and dollar value.

[2] Totals are calculated for each batch number, block number, and block ticket date within the sort criteria.

(c) Part III, Re-entered Rejects, lists all transactions that have been re-entered in SOMARDS from the SOMABLKT file using TRNS-CD 834.

[1] The report is sorted by transaction type. Each transaction is listed within transaction type by sequence number, reject code, re-entry code (R = release, D = delete, and C = change), and transaction image.

[2] This report also provides the total number of transactions re-entered by transaction type.

(5) SOMARDS Daily Transaction General Ledger Register, PCN B67AXXJ014D. This report provides a listing of all valid transactions processed in SOMARDS and, if applicable, their general ledger effects. The report is made up of two parts.

(a) Part I, Valid Transactions, lists all the valid transactions that have processed in SOMARDS and have updated the S2K.FUND file.

[1] Transactions are sorted by transaction type. Within each transaction type, transactions are listed by transaction code, block ticket number, and transaction image.

[2] If applicable, general ledger account assignments and the transaction dollar value for each transaction are shown.

(b) Part II, Summary of General Ledger Effects, summarizes the general ledger effects of valid transactions listed in Part I of the report.

[1] The general ledger effects are summarized by appropriation (department code, program year, and appropriation symbol), operating agency, allotment, and limitation.

[2] Each general ledger account, along with summarized debit and credit dollar values, is listed and totaled.

(6) SOMARDS Transactions Processed Against Frozen JO-NO Records, PCN B67AXXL014D. This report provides a summary listing of those transactions that have processed in SOMARDS against a job order record with a freeze code of 2.

(a) The report is sorted by cost center manager.

(b) Each transaction listed on the report is displayed by JO-NO, EOR, obligation reference number supplementary procurement instrument identification number, commitment reference number, sub JO-NO, IFS document number, contract line item number, accounting classification number, obligation type code, action amount, and transaction image.

c. The process routes valid transactions to four other File IDs within SOMARDS.

(1) IFS cost transactions are written to File ID DAKTATF01 for further processing by System ID 1955.

(2) Contractual transactions are written to File ID AK.DJSQ.PREVAL for further processing by System ID 1981.

(3) Transactions that update the S2K.HIST file are written to File ID DAKHBQF01 for further processing by System ID 1988.

(4) Transactions that update the S2K.GNLR file are written to File ID DAKHBVF01 for further processing by System ID 1989.

d. The process generates three extract files as input to other DFAS systems:

(1) Valid execution transactions are written to File ID AK.AKHBQF10 and sent to the DFAS Corporate Database (DCD).

(2) Valid execution transactions are written to File ID AK.DJSQ.DDBE and sent to the DDBE.

(3) Transactions rejected during System ID 1960 processing are written to File ID AK.AKHBQF11 for editing at the customer sites and resubmission as batch input to System ID 1960.

3.2.3.20 System ID 1919, Daily Cash Flow Sort and Report. This daily process writes all disbursement and collection transactions that have successfully updated the S2K.FUND file with either an UPDT-CD of current month (CM) or next month (NM) to File ID MAKHCEF01. This File ID is used to update the S2K.DMAR file when System ID 1416 is executed. Also, two reports are produced out of this System ID to provide the user with a listing of all disbursement and collection transactions that were written to File ID MAKHCEF01.

a. This System ID reads input File ID DAKHAKF04 and in some cases changes data in the input file before the transactions are written to the DELMARS (monthly) File ID and to the daily output reports as follows:

(1) When the reimbursable designator (REIMB-DSG) equals 7, ACT-AMT is multiplied by a negative 1.

(2) When record type (REC-TY) equals 4 and APROP-SYM equals 2010.

(a) Financial data reporting identifier (FDRI) is changed to 32A when REIMB-DSG equals 0.

(b) FDRI is changed to 32B when REIMB-DSG equals 7.

(c) When FDRI equals 32A and when positions 1-4 of AMS-CD equal 1090.

[1] Positions 7-8 of BLK-TKT-DT are moved to positions 7-8 of AMS-CD.

[2] Positions 6-7 of BLK-TKT-DT are moved to positions 9-10 of AMS-CD.

[3] Position 4 of BLK-TKT-DT is moved to position 11 of AMS-CD.

(3) When the FDRI equals 27A.

(a) When APROP-SYM equals 0100 or 0300 and when LIMIT equals 4479, FDRI is changed to 36C.

(b) When APROP-SYM equals 0400 and when LIMIT equals 2542 or 4479, FDRI is changed to 36C.

(4) When FDRI equals 33A or 33G.

(a) When APROP-SYM does not equal 0112, 0135, 1201, 1401, 2001, 2501, 2901, 5600, 5601, or 6031.

[1] FDRI is changed to 36C.

[2] OP-AGCY is changed to 00.

(b) When APROP-SYM equals 0400, and when LIMIT does not equal 0111, 0125, 1101, 1201, 1202, 2501, 5600, or 5601.

[1] FDRI is changed to 36C.

[2] OP-AGCY is changed to 00.

(c) When APROP-SYM equals 0100, and when LIMIT equals 4479, FDRI is changed to 36C.

*   (5) When FDRI equals 36C.

*   (a) OP-AGCY is changed to 00.

*   (b) REIMB-DSG is changed to 0.

*   (c) REIMB-SRC-CD is changed to spaces.

*   (6) When FDRI equals 33B FDRI is changed to 33A.

*   (7) When FDRI equals 33D FDRI is changed to 33C.

*   (8) When FDRI equals 33H FDRI is changed to 33G.

*   (9) When FDRI equals 35B FDRI is changed to 33A.

*   (10) When FDRI equals 35D FDRI is changed to 33C.

(11) When APROP-SYM equals 0100, 0300, or 0400, zeros are moved to positions 7-11 of AMS-CD.

(12) When APROP-SYM equals 0103, zeros are moved to positions 3-11 of AMS-CD.

(13) When APROP-SYM equals 0130.

(a) When ALOT equals 1881, the literal 84000000000 is moved to AMS-CD.

(b) When ALOT equals 1851, zeros are moved to AMS-CD.

(14) When APROP-SYM equals 0131 and LIMIT equals 1801, zeros are moved to positions 3-11 of AMS-CD.

(15) When APROP-SYM equals 0510.

(a) When positions 1-4 of AMS-CD equal 0956 or 9966, zeros are moved to positions 5-11 of AMS-CD.

(b) When positions 1-4 of AMS-CD do not equal 0956 or 9966, zeros are moved to positions 3-11 of AMS-CD.

(16) When APROP-SYM equals 0700.

(a) When REIMB-DSG equals 0.

[1] When positions 1-2 of AMS-CD equal 17, zeros are moved to positions 7-11 of AMS-CD.

[2] When positions 1-2 of AMS-CD do not equal 17, zeros are moved to positions 4-11 of AMS-CD.

(b) When REIMB-DSG equals 7, zeros are moved to position 4-11 of AMS-CD.

(17) When APROP-SYM equals 0790, zeros are moved to positions 4-11 of AMS-CD.

(18) When APROP-SYM equals 1080 or 1081, zeros are moved to positions 5-11 of AMS-CD.

(19) When APROP-SYM equals 2020.

(a) When PROG-YR equals CCCC, the literal 9020200M000 is moved to AMS-CD.

(b) When PROG-YR does not equal CCCC.

[1] When positions 1-3 of AMS-CD equal 001 or 002, zeros are moved to positions 4-11 of AMS-CD.

[2] When positions 1-2 of AMS-CD equal 09 or 99, zeros are moved to positions 5-11 of AMS-CD.

[3] When positions 1-2 of AMS-CD does not equal 09 or 99.

[a] When PROG-YR equals 1951 through 1997, zeros are moved to positions 3-11 of AMS-CD.

[b] When PROG-YR is greater than 1997, zeros are moved to positions 4-11 of AMS-CD.

(20) When positions 1-3 of APROP-SYM equal 203.

(a) Zeros are moved to positions 5-6 of AMS-CD.

(b) Spaces are moved to positions 7-11 of AMS-CD.

(21) When APROP-SYM equals 2040.

(a) When positions 1-2 of AMS-CD equal 09 or 99, zeros are moved to positions 5-11 of AMS-CD.

(b) When positions 1-2 of AMS-CD do not equal 09 or 99.

[1] When REIMB-DSG equals 7, zeros are moved to positions 3-11 of AMS-CD.

[2] When REIMB-DSG equals 0, zeros are moved to positions 10-11 of AMS-CD.

(22) When APROP-SYM equals 2050.

(a) When REIMB-DSG equals 0, zeros are moved to positions 6-11 of AMS-CD.

(b) When REIMB-DSG equals 7, zeros are moved to positions 3-11 of AMS-CD.

(23) When APROP-SYM equals 2065, zeros are moved to positions 7-11 of AMS-CD.

(24) When APROP-SYM equals 2070, zeros are moved to positions 7-11 of AMS-CD.

(25) When APROP-SYM equals 2080, zeros are moved to positions 3-11 of AMS-CD.

(26) When APROP-SYM equals 4930.

(a) When positions 1-4 of AMS-CD equal 9966 or 0950, zeros are moved to positions 5-11 of AMS-CD.

(b) When positions 1-4 of AMS-CD do not equal 9966 or 0950, zeros are moved to AMS-CD.

(27) When APROP-SYM does not equal 4930 and when positions 1-2 of AMS-CD equal 09 or 99, zeros are moved to positions 5-11 of AMS-CD.

(28) When APROP-SYM equals 5095, zeros are moved to AMS-CD.

(29) When APROP-SYM equals 7020, zeros are moved to positions 4-11 of AMS-CD.

(30) When APROP-SYM equals 7025.

(a) When positions 1-2 of AMS-CD equal 17, zeros are moved to positions 7-11 of AMS-CD.

(b) When positions 1-2 of AMS-CD do not equal 17, zeros are moved to positions 4-11 of AMS-CD.

b. SOMARDS Daily Cash Flow Report Disbursements by Us/by Others, PCN B67AXXG394D, provides a list of each valid disbursement and collection current month and next month transaction processed in SOMARDS since the last daily cycle. The report is made of three sections. The report is divided so that current month and next month transactions are shown separately.

(1) Section I summarizes the detail disbursement and collection transactions processed in SOMARDS. The report is sorted by record type, operating agency, appropriation symbol, and program year. Each transaction listed on the report is displayed by department code, program year, original program year, operating agency, REIMB-DSG, reimbursable source code, AMS code, FSN, block ticket number, dollar amount of the transaction, allotment serial number, DELMARS transmittal number, DSSN, block ticket date, FDRI code, and record type. Summary totals are provided when transactions listed on the report contain the same fields displayed. Totals are calculated for disbursements and collections and collections for each appropriation within the record type; operating agency within the record type; and record type. Current month and next month transactions are shown separately.

(2) Section II summarizes the detail disbursement and collection transactions processed in SOMARDS by record type. The sort is by record type, block ticket date, and block ticket number. Totals are calculated for all disbursements and collection transactions for each block ticket date and block ticket number combination within each record type. Totals are also summarized for all transactions within each record type. Current month and next month transactions are shown separately.

(3) Section III summarizes the detail disbursement by other and collection by other transactions (record type 3). Transaction sort is by DSSN and transmittal number. Totals are provided for each combination of DSSN and transmittal number. Current month and next month transactions are shown separately.

c. SOMARDS Daily DELMARS Report, PCN B67AXXJ174D, provides a list of each valid disbursement and collection current month and next month transaction processed in SOMARDS since the last daily cycle. The report is made of four parts. The report is divided so that current month and next month transactions are shown separately.

(1) Part I summarizes the detail disbursement and collection by us, by other, and transferred for collection transactions processed in SOMARDS. The sort is by record type, operating agency, appropriation symbol, program year, block ticket number, block ticket date, and batch number. Each transaction listed on the report is displayed by department code, original program year, limitation, reimbursable designator, reimbursable source code, block ticket number, block ticket date, batch number, AMS code, FSN, dollar amount of the transaction, allotment serial number, DELMARS transmittal number, disbursing officer voucher number, DSSN, FDRI code, and REC-TY. Summary totals are provided when transactions listed on the report contain the same fields displayed. Totals are calculated for disbursements and collections and collections for each appropriation within the record type; operating agency within the record type; and record type. Current month and next month transactions are shown separately. Subtotals are calculated for disbursements and collections for each of the following:

(a) Batch number within each block ticket number and block ticket date combination within each appropriation symbol, operating agency, and record type combination.

(b) Block ticket number and block ticket date combination within each appropriation symbol, operating agency, and record type combination.

(c) Appropriation symbol within operating agency and record type combination.

(d) Operating agency and record type.

(e) Record type.

(2) Part II summarizes the detail interfund disbursement and transactions processed in SOMARDS. The sort is by record type, operating agency, appropriation symbol, program year, block ticket, number, block ticket date, and batch number. Each transaction listed on the report is displayed by department code, limitation, reimbursable designator, reimbursable source code, block ticket number, block ticket date, batch number, AMS code, FSN, dollar amount of the transaction, allotment serial number, bill number, billed Department of Defense (DOD) activity address code, billing DOD activity address code, FDRI code, and record type. Current month and next month transactions are shown separately. Subtotals are calculated for disbursements and collections for each of the following:

(a) Batch number within each block ticket number and block ticket date combination within each appropriation symbol, operating agency, and record type combination.

(b) Block ticket number and block ticket date combination within each appropriation symbol, operating agency, and record type combination.

(c) Appropriation symbol within operating agency and record type combination.

(d) Operating agency and record type.

(e) Record type.

(3) Part III summarizes the detail disbursement and collection transactions processed in SOMARDS by record type. The sort is by record type, block ticket date, and block ticket number. Totals are calculated for all disbursements and collection transactions for each block ticket date and block ticket number combination within each record type. Totals are also summarized for all transactions within each record type. Current month and next month transactions are shown separately.

(4) Part IV summarizes the detail disbursement by other and collection by other transactions (record type 3). Transaction sort is by DSSN and transmittal number. Totals are provided for each combination of DSSN and transmittal number. Current month and next month transactions are shown separately.

3.2.3.21 System ID 1922, Regulatory Reports Extract. System ID 1922 is the first of the series of System IDs that produce the monthly regulatory reports. It generates three File IDs for subsequent processing by System ID 1990 and produces two hardcopy reports.

a. File IDs AK.AKHCKF01, AK.AKHAPF02 and AK.AKHPAF03 are generated:

(1) For File ID AK.AKHCKF01, the process extracts data from the S2K.FUND file. If the SOMAUNIQ open period code value specifies that a month-end or year-end cycle is to be initiated, the open period code is updated to indicate the month-end or year-end cycle is pending.

(2) For File IDs AK.AKHAPF02 (USAMC Trial Balances) and AK.AKHAPF03 (Other Trial Balances) the process deletes the existing APA records from the S2K.GNLR file and then rebuilds the current APA records from CCSS transactions passed from System ID 431. Corresponding hardcopy reports are also produced. If the SOMAUNIQ open period code has not been set to indicate month-end or year-end processing, the S2K.GNLR is not updated and only the extract files and reports are produced. When the S2K.GNLR file is not updated, the CCSS transactions are recycled for the next System ID 1922 processing cycle.

(3) For each record generated in File ID AK.AKHCKF01, the process assigns a treasury record code (TRC) which is subsequently used by System ID 1990 for combining like data, by System ID 1900 (TRNS-CD 864) for viewing, changing, adding, or deleting records in the SOMAREPT file, by System ID 1992 for hardcopy report generation and by System ID 1993 for the required automated submissions. Every record in File IDs AK.AKHAPF02 and AK.AKHAPF03 are assigned TRC GL during System ID 1990 processing. See appendix F for the criteria used for assigning the TRC in File ID AK.AKHCKF01 and the corresponding action amount that is then computed for the generated output records. See ADSM 18-C99-JAQ-ZZZ-UM-02 for detailed information regarding processing on-line TRNS-CD 864.

b. It produces two hardcopy reports

(1) General Ledger Trial Balance, PCN B67AXXF004M. This two-part report is generated monthly, based on data contained in the S2K.GNLR file, for all general ledger records for all appropriations within SOMARDS. This report is also produced on a yearly basis, after all general ledger closing entries have been made, and provides the status of all general ledger account data for the beginning of the fiscal year. Records are sorted by CMD-DSG, operating agency, department code, program year, appropriation, allotment serial number, limitation, fiscal station number (FSN), and general ledger account number.

(a) Part I is the detail section that displays the opening, current month, and cumulative status for all general ledger accounts with accumulated dollars. Totals for the opening, current month, and cumulative dollar balances are provided for each sort combination.

(b) Part II is the summary section that displays each general ledger account number, normal balance, nomenclature, and cumulative balance. Totals are provided for debit and credit dollars for each sort combination.

(2) SOMARDS Trial Balance Submissions, PCN B67AXXI084M. This monthly report contains the 81-position card images of all general ledger records transmitted for the general ledger trial balance submission requirements. This report is also produced on a yearly basis after all general ledger closing entries have been made and provides the status of all general ledger account data for the beginning of the fiscal year.

(a) One control card and one or more detail cards are submitted for each trial balance report. The control card consists of the header information of the trial balance report.

[1] The data included on this card are sorted by CMD-DSG, department code, fiscal year, expiration year, appropriation, limitation, program year, operating agency, allotment serial number, and FSN.

[2] Any time one of these elements changes, a new control card and detail cards are prepared reflecting a different general ledger trial balance report.

[3] Also included on the control card is the trial balance report date, the number of detail cards submitted with the control card, and the total dollar value of the cumulative balances of the account records in the detail cards.

(b) The control card is supported by one or more detail cards. The detail cards consist of each general ledger account number in the general ledger trial balance, the debit or credit indicator of the general ledger account, and the account record's cumulative balance. Each detail card can contain up to three general ledger account records. The FSN, fiscal year, appropriation, and operating agency are also included on each detail card.

3.2.3.22 System ID 1923, Commitment Obligation Expense Disbursement Labor Transfer Charges Process. System ID 1923 processes labor cost transfers (TRNS-CD 648) on an as-required basis using on-line entered transactions that were passed to the SOMABLKT file and/or batch input entered transactions passed from System ID 1960. The process converts the COED TRNS-CD 648 to 624 for both the transferred from and transferred to input JO-NOs. The transferred from side results in a credit transaction and the transferred to side results in a debit transaction. These converted transactions are updated to the S2K.FUND file. Detail labor records are generated for update to the SOMALBRD file. A TRNS-CD 320 is generated when and during the S2K.FUND file update if the COED transaction has a value in the JO-NO-COMT-REF-NO. The process must attempt to perform decommitment processing, but decommitment actions cannot go below zero.

a. Rejected Transaction Report, PCN B67AXXL054R. Between the time the on-line or batch input is entered and System ID 1923 is actually run, certain file conditions could be changed that may cause the process to stop or in less severe conditions just bypass the record. System ID 1923 was modified to continue processing if these conditions occur and write the bad records to the Rejected Transaction Report. The conditions that are revalidated, assigned an error code, and passed to the report process are as follows:

(1) When the SSAN cannot be located on the S2K.LBRM file, an error code of 05 is assigned to the transaction.

(2) When the FROM or TO JO-NO is no longer labor applicable, that is, the JO-LBR-ACT-CD is not equal to L, an error code of 06 is assigned to the transaction.

(3) When the FROM or TO JO-NO no longer exists on the S2K.FUND file, an error message of 02 is assigned to the transaction.

b. Based on the TY-HRS entered, the transaction base dollar amount is computed by using rates in the employee's record in the S2K.LBRM and the SOMAUNIQ files.

(1) When entry TY-HRS equals 01 (regular work), 0A (annual leave), 0D (sick leave), 0H (holiday leave), 0K (other leave), and 0T (compensatory leave) additional transactions are created for the following fringe benefits and recurring costs using data retained in the employee's record in the S2K.LBRM file. The dollar amount of these transactions is the prorated amount based on the transaction input hours divided by the employee's base hours.

Fringe Benefit/Recurring Costs	Assigned TY-HRS
Remote Site Allowance	00
Overseas Allowance	0B
Foreign Differential	0E
Physicians Allowance	0F
401K and Non-Appropriate Fund Retirement	0I
Civil Service Retirement System	0J
Federal Insurance Contributions Act	0L
Federal Employee's Retirement	0M
Federal Employee Government Life Insurance	0N
Federal Employee Health Insurance	0P
Tropical Differential	0Q
Medicare	0U
Thrift Savings Plan	0Y
Cost of Living Allowance	1A
Danger Pay	1C
Staffing Differential	1D
Retention Allowance	1E
Supervisory Differential	1F
Foreign Language Capability	1G
SEGURO-Health	1M
SEGURO-Social	1N

(2) When entry TY-HRS do not equal 01, 0A, 0D, 0H, 0K, and 0T the transaction dollar amount is computed using rates in the employee's record of the S2K.LBRM file and, if applicable, rates in the SOMAUNIQ file. For example, if the input TY-HRS equals 02 (overtime), the dollar value is determined by using the employee's most current overtime hourly rate times the input hours. If the input TY-HRS equals 07 (hazardous duty), HAZ-DTY-RAT-CD equals E (25% premium rate), and the employee is a GS employee, the dollar amount is computed using the employee's most current regular hourly rate times the input hours times the OMA-LBR-HAZ-PCT-3 in the SOMAUNIQ file.

c. When the LV-ACCR-HRS field is filled, System ID 1923 will generate an additional COED transaction for the entered hours value along with applicable fringe benefit transactions. These generated transactions are passed to System ID 1909 for leave accrual processing. When a new employee is leave accrual applicable, the LV-ACCR-HRS should be entered along with the HRS transfer amount. If the LV-ACCR-HRS were not entered, the entire transaction can be resubmitted with only the LV-ACCR-HRS filled and the HRS field left blank.

d. When the process generates the transferred from, the transferred to, and the related fringe benefits TRNS-CD 624s, specific values are assigned to the data elements. These are as follows:

ELEMENT	PIC	POSITION	VALUE ASSIGNED
CMD-DSG	X(01)	1	CMD-DSG from input TRNS-CD 648.
TRNS-CD	X(03)	2-4	624.
PROC-ACT-CD	X(01)	5	2.

ELEMENT	PIC	POSITION	VALUE ASSIGNED
INP-ACT-CD	X(06)	6-11	From TRNS-CD 648 input.
BLK-TKT-NO	X(07)	12-18	From TRNS-CD 648 input.
BLK-TKT-DT	X(08)	19-26	From TRNS-CD 648 input in CCYYMMDD format.
UPDT-CD	X(02)	27-28	CM.
JO-NO	X(06)	29-34	Transferred from or transferred to JO-NO from TRNS-CD 648 input.
EOR	X(04)	35-38	See note below.
COMT-REF-NO	X(14)	39-52	Transferred from or transferred to COMT-REF-NO from TRNS-CD 648 input.
OBLG-REF-NO-SPIIN	X(18)	53-70	From TRNS-CD 648 input. Constructed as a five-position value consisting of PAY plus positions 3-4 of current fiscal year.
COST-CEN-MGR	X(06)	71-76	Transferred from or transferred to COST-CEN-MGR from TRNS-CD 648 input.
DOCU-DT	X(08)	77-84	From TRNS-CD 648 input in CCYYMMDD format.
ACT-AMT	S9(10)V99	85-96	Calculated amount as defined above.
WI-FED-GOVT-CD	X(01)	97	F when positions 1-2 of input or generated EOR equals 12, 13, 15, or 17 and position 3 of that EOR equals G, H, K, L, M, N, Q, R, V, X, or Y, otherwise equals alphabetic O.
DOV-NO	X(06)	98-103	From TRNS-CD 648 input.
DSSN	X(04)	104-107	From TRNS-CD 648 input.
DELMARS-XMIT-NO	X(02)	108-109	From TRNS-CD 648 input.
OBLG-STAT-CD	X(01)	110	2.
OBLG-EXPIR-DT	X(08)	111-118	Spaces.
FIN-PRT-CD	X(01)	119	F.
COUNTRY-CD	X(02)	120-121	Spaces.
JV-NO	X(06)	122-127	Spaces.
OBLG-TY-CD	X(01)	128	L.
AMD-NO	X(02)	129-130	Spaces.

ELEMENT	PIC	POSITION	VALUE ASSIGNED
QTY	S9(09)	131-139	Zeros.
WT-LBS	S9(05)	140-144	Zeros.
HRS	S9(06)V99	145-152	From TRNS-CD 648 input. LV-ACCCR-HRS for leave accrual generated transactions. Zeros for all other generated transactions.
NOMENCLATURE	X(35)	153-187	Spaces.
CLIN	X(06)	188-193	Spaces.
ACRN	X(02)	194-195	Spaces.
MOD-NO	X(06)	196-201	Spaces.
SUB-JO-NO	X(08)	202-209	Transferred from or transferred to SUB-JO-NO from TRNS-CD 648 input.
IFS-DOCU-NO	X(18)	210-227	Transferred from or transferred to IFS-DOCU-NO from TRNS-CD 648 input.
LBR-PAY-PD-NO	X(14)	228-241	From TRNS-CD 648 input. Constructed as a nine-position value consisting of PAY plus the input PAY-PD-END-DT.
PROD-IND	X(01)	242	P when TY-HRS equals 01 or 02, otherwise equals N.
FILLER	X(58)	243-300	Spaces.

Note.   The process attempts to locate the TRNS-CD 648 EOR from the SOMASEOR using the employee's work schedule, position code, civilian type, employee type code, and input TY-HRS. If an EOR does not exist, the transaction will reject. An EOR is assigned for all generated transactions. This assignment process attempts to locate an EOR from the SOMASEOR using the employee's work schedule, position code, civilian type, employee type code, and system assigned TY-HRS. If an EOR does not exist, the transaction will reject.

   e. When the process generated TRNS-CD 320, specific values are assigned to the data elements. These are:

ELEMENT	PIC	POSITION	VALUE ASSIGNED
CMD-DSG	X(01)	1	From TRNS-CD 648 input.
TRNS-CD	X(03)	2-4	320.
PROC-ACT-CD	X(01)	5	2.
INP-ACT-CD	X(06)	6-11	I00000 when JO-FRZ-CD equals 1, otherwise positions 1-5 equal I0000 and position 6 equals JO-FRZ-CD.

ELEMENT	PIC	POSITION	VALUE ASSIGNED
BLK-TKT-NO	X(07)	12-18	From TRNS-CD 648 input.
BLK-TKT-DT	X(08)	19-26	From TRNS-CD 648 in CCYYMMDD format.
UPDT-CD	X(02)	27-28	CM.
JO-NO	X(06)	29-34	BULK-JO-NO related to JO-COMT-REF-NO.
COMT-REF-NO	X(14)	35-48	JO-COMT-REF-NO in JO-NO-RECORD for JO-NO on TRNS-CD 648 input.
DOCU-DT	X(08)	49-56	From TRNS-CD 648 in CCYYMMDD.
COMT-ADJ-AMT	S9(10)V99	57-68	Computed amount.
JV-NO	X(06)	69-74	Spaces.
SUB-JO-NO	X(08)	75-82	Spaces.
COST-CEN-MGR	X(06)	83-88	Spaces.
FILLER	X(212)	89-300	Spaces.

f.   When either the from or to input JO-NO is frozen (JO-FRZ-CD equals two or three) the labor transfer process for that JO-NO will continue. The JO-FRZ-CD will be moved to the last position of the INP-ACT-CD of the transaction image generated for the update to the S2K.FUND file that occurred in the labor transfer process. The updates that have occurred to frozen job orders will be reported in the SOMARDS Transactions Processed Against Frozen JO-NO Records, PCN B67AXXL014D. Refer to System ID 1918 for more information about this output report.

g. After the S2K file update, the following additional actions are performed for all transactions:

(1) Cost add-on transactions are created for FMS applicable data to be used in System ID 1973. Transactions passed are those where the RESR-TY-FIN-CD equals 1, the APROP-SYM equals 8242, the FMS-ADD-ON-CD equals A or B, and the EOR contains specific values. The EOR passed are those where positions 1 and 2 equal 11, 14, or 16 and position 3 equals B, G, H, J, or L, and where positions 1 and 2 equal 12, 15, or 17 and position 3 equals K, L, N, Q, X, or Y.

(2) Cost add-on transactions are created for reimbursable order applicable data to be used in System ID 1933. Transactions passed are those where RESR-TY-FIN-CD equals 2 or 6, the REIMB-PROC-CD equals B, D, E, G, H, J, K, O, or P, and the EOR contains specific values. The EOR passed are those where positions 1 and 2 equal 11, 14, or 16 and position 3 equals B, G, H, J, or L, and where positions 1 and 2 equal 12, 15, or 17 and position 3 equals K, L, N, Q, X, or Y.

3.2.3.23 System ID 1924, Clear Files. This process reads and modifies records in the SOMALBRD and S2K.GNLR files. The following modifications are made to each record contained in each of these files when System ID 1924 is run:

a. SOMALBRD file.

(1) Deletes all non-accrual labor detail records where the LBR-PROC-CD does not equal A.

(2) Changes the LBR-PROC-CD of each labor detail accrual record from A to B.

(3) Reverses the dollar amount and hours fields on each labor detail accrual record.

    b. S2K.GNLR file.

    (1) The value that exists in each NM field is assigned to any corresponding current month (CRM) field.

    (2) The value that exists in each NM field is added to each corresponding fiscal year to date (FYTD) field.

    (3) Each NM field is zero filled.

3.2.3.24 System ID 1925, Purge Files. This process reads and modifies records in the S2K.FUND file. Additionally, it also purges selected records from the S2K.FUND file. It writes purged commitment, obligation, and advance records to File ID MAKHCZB01. This File ID is used to update the SOMARDS history file when System ID 1937 is executed. It also writes purged commitment records to System ID 506 *to the MDMS interface and to System ID 404 to the COPS interface. The following modifications are made to each record contained in the S2K.FUND file when System ID 1925 is run:

*   a. The value that exists in each NM field is assigned to any corresponding CRM field. If the NM field equals zero, then zero is moved to the corresponding CRM field.

    b. The value that exists in each NM field is added to each corresponding FYTD field.

    c. Each NM field is zero filled.

    d. Moves .00 to the appropriate OBLG-ACT (month) field in the obligation forecast record depending on the SYS-MON-CD value contained in the SOMAUNIQ file.

    e. When the following conditions are true, each miscellaneous obligation record is removed from the S2K.FUND file and is written to File ID MAKHCZB01 for subsequent update to the SOMARDS history file in System ID 1937:

    (1) CMD-PURGE-MISC-SWTCH in SOMAUNIQ file = Y.

    (2) MISC-OBLG-CFI = MISC-EXP-CFI = MISC-DISB-CFI.

    (3) MISC-OBLG-QTY-NM = MISC-OBLG-NM = MISC-EXP-QTY-NM = MISC-EXP-NM = MISC-DISB-QTY-NM = MISC-DISB-NM = .00.

    (4) MISC-FIN-PRT-CD = F.

    (5) MISC-SYS-DT-LST >= computer systems date minus 30 (that is, the last time that this record was updated was 30 or more days ago). It should be noted that this date check does not take place at yearend (Sep).

    f. When the following conditions are true, each contract obligation record is removed from the S2K.FUND file and written to File ID MAKHCZB01 for subsequent update to the SOMARDS history file in System ID 1937:

    (1) CMD-PURGE-CONTR-SWTCH in SOMAUNIQ file = Y.

(2) CONTR-OBLG-CFI = CONTR-ACCRU-EXPEND-CFI = CONTR-DISB-CFI.

(3) DISB-PROGR-PMT-OSTD-WI-CFI = DISB-PROGR-PMT-OSTD-WO-CFI = .00

(4)   CONTR-OBLG-QTY-NM = CONTR-OBLG-NM = CONTR-ACCRU-EXPEND-NM = CONTR-
DISB-QTY-NM = CONTR-DISB-NM = CONTR-ACPT-QTY-NM = CONTR-RECPT-QTY-NM = CONTR-
DISC-NM = CONTR-PROGR-PMT-HOLDBACK-NM = DISB-PROGR-PMT-OSTD-WI-NM = DISB-
PROGR-PMT-OSTD-WO-NM = .00.

(5) CONTR-FIN-PRT-CD = F.

(6) CONTR-SYS-DT-LST >= computer systems date minus 30 (that is, the last time that this record
was updated was 30 or more days ago). It should be noted that this date check does not take place at
yearend (Sep).

g. When the following conditions are true, each government bill of lading (GBL) obligation record is
removed from the S2K.FUND file and written to File ID MAKHCZB01 for subsequent update to the
SOMARDS history file in System ID 1937:

(1) CMD-PURGE-GBL-SWTCH in SOMAUNIQ file = Y.

(2) GBL-OBLG-EXP-CFI = GBL-DISB-CFI.

(3) GBL-OBLG-EXP-NM = GBL-DISB-NM = .00.

(4) GBL-SYS-DT-LST >= computer systems date minus 30 (that is, the last time that this record was
updated was 30 or more days ago). It should be noted that this date check does not take place at
yearend (Sep).

h. When the following conditions are true, each labor obligation record is removed from the
S2K.FUND file and written to File ID MAKHCZB01 for subsequent update to the SOMARDS history file in
System ID 1937:

(1) CMD-PURGE-LBR-SWTCH in SOMAUNIQ file = Y.

(2) LBR-OBLG-EXP-CFI = LBR-DISB-CFI.

(3) LBR-HRS-NM = LBR-OBLG-EXP-NM = LBR-DISB-NM = .00.

(4) LBR-SYS-DT-LST >= computer systems date minus 30 (that is, the last time that this record was
updated was 30 or more days ago). It should be noted that this date check does not take place at
yearend (Sep).

i. When the following conditions are true, each requisition obligation record is removed from the
S2K.FUND file and written to File ID MAKHCZB01 for subsequent update to the SOMARDS history file in
System ID 1937:

(1) CMD-PURGE-RQN-SWTCH in SOMAUNIQ file = Y.

(2) If RQN-OBLG-CFI = .00:

(a) RQN-EXP-CFI = RQN-DISB-CFI = .00.

(b) RQN-OBLG-QTY-CFI = RQN-DISB-QTY-CFI.

(c) RQN-OBLG-QTY-NM = RQN-OBLG-NM = RQN-EXP-NM = RQN-DISB-QTY-NM = RQN-DISB-NM = RQN-RECPT-QTY-NM = RQN-DISC-NM = .00.

(d) RQN-SYS-DT-LST > computer systems date minus 180 (that is, the last time that this record was updated was more than 180 days ago).

(3) If RQN-OBLG-CFI <> .00:

(a) RQN-OBLG-CFI = RQN-EXP-CFI = RQN-DISB-CFI.

(b) RQN-OBLG-QTY-CFI = RQN-DISB-QTY-CFI.

(c) RQN-OBLG-QTY-NM = RQN-OBLG-NM = RQN-EXP-NM = RQN-DISB-QTY-NM = RQN-DISB-NM = RQN-RECPT-QTY-NM = RQN-DISC-NM = .00.

(d) RQN-SYS-DT-LST >= computer systems date minus 30 (that is, the last time that this record was updated was 30 or more days ago). It should be noted that this date check does not take place at yearend (Sep).

j. When the following conditions are true, each travel obligation record is removed from the S2K.FUND file and written to File ID MAKHCZB01 for subsequent update to the SOMARDS history file in System ID 1937:

(1) CMD-PURGE-TVL-SWTCH in SOMAUNIQ file = Y.

(2) TVL-OBLG-CFI = TVL-EXP-CFI = TVL-DISB-CFI.

(3) TVL-OBLG-NM = TVL-EXP-NM = TVL-DISB-NM = .00.

(4) TVL-FIN-PRT-CD = F.

(5) TVL-SYS-DT-LST >= computer systems date minus 30 (that is, the last time that this record was updated was 30 or more days ago). It should be noted that this date check does not take place at yearend (Sep).

k. When the following conditions are true, each commitment record is removed from the S2K.FUND file and are written to the File ID MAKHCZB01 for subsequent update to the SOMARDS history files in System ID 1937:

(1) CMD-COMT-PURGE-SWTCH in SOMAUNIQ file = Y.

(2) COMT-CFI = COMT-OBLG-CFI = COMT-EXP-CFI = COMT-DISB-CFI.

(3) COMT-QTY-NM = COMT-NM = COMT-OBLG-NM = COMT-EXP-NM = COMT-DISB-NM = COMT-CNTGCY-NM = .00.

(4) COMT-SYS-DT-LST >= computer systems date minus 30 (that is, the last time that this record was updated was 30 or more days ago). It should be noted that this date check does not take place at yearend (Sep).

(5)   There are no corresponding obligation records in the S2K.FUND file that reference this commitment record.

l.   When the following conditions are true, each advance summary record is removed from the S2K.FUND file and written to File ID MAKHCZB01 for subsequent update to the SOMARDS history file in System ID 1937:

(1) ADV-AMT = ADV-RECOUP-AMT multiplied by negative 1.

(2)   ADV-AMT-NM = ADV-RECOUP-AMT-NM = .00.

(3)   ADV-SUM-SYS-DT-LST >= computer systems date minus 30 (that is, the last time that this record was updated was 30 or more days ago).

m. Each time that a commitment record is purged from the S2K.FUND file, its ancestor job order is modified. The value that exists in the COMT-CFI field of the commitment record being purged is added to the JO-COMT-RET-CFI field of the ancestor job order record.

n. Each time that an obligation record is purged from the S2K.FUND file, its ancestor resource record is modified. The value that exists in the appropriate OBLG-CFI field of the obligation record being purged is added to the RESR-RET-CFI field of the ancestor resource record.

o. Each time that a commitment record is purged from the S2K.FUND file, it is written to File ID MAKHCZB02 to the MDMS interface.

3.2.3.25 System ID 1926, Monthly Overhead Distribution. This process distributes overhead for administrative, management, and indirect costs that are not fully funded. The overhead distribution process can be based on actual labor hours or based on the sum of civilian and military dollars. Certain cost indicators (COST-INDs) determine whether charges are either actual or statistical overhead. This System ID can be scheduled to run multiple times during the month. For an accurate monthly posting the following should be completed prior to the last scheduled run of System ID 1926: all bi-weekly civilian labor (System ID 1902), the monthly civilian accrual (System ID 1903), the daily labor (System ID 1908), and cost transfers (System ID 1923). System ID 1926 should be scheduled for a final monthly run prior to bill cycle and regulatory reporting.

a. Certain file conditions must exist before the overhead distribution process can be scheduled.

(1) The SOMARATE overhead distribution records must be populated to contain those cost center managers (COST-CEN-MGRs) and job order mission overhead codes (JO-MSN-OVHD-CDs) where overhead is applicable. This can be accomplished by using TRNS-CD 814. Refer to ADSM 18-C99-JAQ-ZZZ-UM-02 for a discussion and screen sample of this transaction.

(a) The COST-CEN-MGR can be a one, two, three, four, five, or six-position code. The number of positions selected requires that the length of COST-CEN-MGR be used for each overhead distribution record for a given CMD-DSG.

(b) During the overhead process, the COST-CEN-MGR and JO-MSN-OVHD-CD of the overhead distribution record will be tied back to the job order level COST-CEN-MGR and JO-MSN-OVHD-CD in the S2K.FUND file. For each COST-CEN-MGR and JO-MSN-OVHD-CD updated to SOMARATE, the values for the overhead types, overhead dollar rates, direct job order offsets, application type, and cost indicator may also be required depending on the COST-IND. The screen input allows up to seven occurrences for this combination of elements. The overhead rates and percentages are established at the beginning of the fiscal year and can be modified throughout the year. The use of these fields is discussed below.

(2) The S2K.FUND file must also be conditioned prior to running System ID 1926.

(a) Actual labor costs are charged to valid detail JO-NOs that are usually established under direct Army program and funds. These job orders are established on the TRNS-CD 832 screen with a JO-MSN-OVHD-CD of 01, along with the identification of the direct job order offset. Refer to ADSM 18-C99-JAQ-ZZZ-UM-02 for a discussion and screen sample of this transaction.

(b) The direct job order offset is normally established as a dummy job order where the offset of applied costs will be charged and should ultimately equal the value of the actual labor costs. The direct job order offset should be identified with a JO-MSN-OVHD-CD of 07 on the TRNS-CD 832 screen. This transaction contains edit checks to ensure that code 07 is not used on bulk job orders. The user may desire to establish the actual and offset job orders under the same manager resource reference number. No restrictions are enforced to prevent how or where these job orders are established in the S2K.FUND file.

(c) Those job orders that will receive overhead charges should be established by TRNS-CD 832 with a mission overhead code of any alphanumeric value other than 01 or 07 and a COST-IND of either A, P, or R. Like mission overhead code of 07, these job orders must not be bulk job orders.

(3) The overhead distribution record on the SOMARATE file will be in sequential order based on the key. The OVHD-COST-IND will be used to determine which records in the S2K.FUND file will be used in the System ID and which method of overhead will be used to charge overhead to the selected records. Job order records selected from the S2K.FUND file must contain a value in the MSN-OVHD-CD and COST-IND. The records are ordered by the RESR-CMD-DSG, COST-IND, MSN-OVHD-CD, and either the JO-COST-CEN-MGR or the EOR-COST-CEN-MGR and the JO-MIL-LBR-COST-CEN-MGR. When the COST-IND changes, the method used to apply overhead will change, the cost center the records are ordered by will change, and the records selected for the overhead process will change.

b. The COST-IND in the job order record determines the cost type. The valid values that can be entered as COST-IND are A (rate for all hours charged to a job order), P (percentage for all expenses charged to an automatic reimbursable job order, and R (rate for productive hours charged to an automatic reimbursable job order). A blank in this field indicates overhead is not applicable for the job order. Job orders that have a COST-IND of P or R will be charged either actual overhead or statistical overhead. Actual overhead will generate a current month commitment obligation expense disbursement (COED) by us transaction (TRNS-CD 623) with and EOR of 2721 and in this System ID, update the S2K.FUND accordingly. Statistical overhead will only update specific elements in the FC-EOR-RECORD under EOR T000. The RESR-REIMB-SRC-CD of selected records will be used to determine actual verses statistical overhead. When position 1 of the RESR-REIMB-SRC-CD equals 1, 2, 3, 4, 5, 6, or 7, the calculations and update will be statistical.

(1) Overhead application for COST-IND of A.

(a) When the COST-IND on the overhead distribution record of SOMARATE equals A, each job order where the JO-MSN-OVHD-CD of the job order record in the S2K.FUND file contains a value and that value is not 01 or 07 and the COST-IND equals A, the field EOR-HRS-FYTD for each EOR (EOR) record under the job order record is summed. This summation of all EOR-HRS-FYTD is then compared to the value contained in the field EOR-OVHD-HRS-FYTD. The field EOR-OVHD-HRS-FYTD will only contain a value when the EOR equals 2721. The field EOR-OVHD-HRS-FYTD represents the number of hours that have been used to post overhead prior to this cycle.

(b)   The difference (positive or negative) between the sum of all EOR-HRS-FYTD and the EOR-OVHD-HRS-FYTD is applied to each overhead rate previously established in SOMARATE. Each position of the COST-CEN-MGR of the overhead distribution record is matched to the same position of the job order level COST-CEN-MGR in the S2K.FUND file. When a job order level COST-CEN-MGR in the S2K.FUND file is not filled to the positions filled of the COST-CEN-MGR of the overhead distribution record an error condition exists and that job order is reported on the overhead distribution error report.

(c)   The COST-CEN-MGR, JO-MSN-OVHD-CD, and calculated dollar values are stored until all like cost centers are processed. Once all are processed, an update for a negative value is posted to the S2K.FUND file for the direct job order offset. Again this direct job order offset is extracted from the overhead distribution record in the SOMARATE as an overhead type applicable to the COST-CEN-MGR and JO-MSN-OVHD-CD.

(d)   These procedures are repeated for as many job orders that exist where the JO-MSN-OVHD-CD is not equal to 01 or 07 and COST-IND equals A.

(2)   Overhead application for COST-IND of P.

(a)   When the COST-IND on the overhead distribution record of SOMARATE equals P, two groups of records are located on the S2K.FUND file, the FC-EOR-RECORD and the FC-MIL-CONTR-LBR-RECORD. The FC-EOR-RECORDS selected are those where the RESR-TY-FIN-CD equals 6, the RESR-REIMB-SRC-CD contains a value, the COST-IND equals P, the MSN-OVHD-CD does not equal 01 or 07, and the first position of the EOR equals 1. The FC-MIL-CONTR-LBR-RECORDS selected are those where the RESR-TY-FIN-CD equals 6, the RESR-REIMB-SRC-CD contains a value, the COST-IND equals P, and the MSN-OVHD-CD does not equal 01 or 07.

(b)   The calculation for percentage overhead is the sum of civilian labor EOR-EXP-FYTD for all records within the same JO-PHANTOM-KEY. This sum is reduced by the value in EOR-OVHD-FYTD contained in the overhead FC-EOR-RECORD. The result is the current civilian dollars. The overhead FC-EOR-RECORD must be subordinate to the current JO-NO-PHANTOM-KEY. The EOR-CONCAT-KEY for this record equals the JO-NO of the JO-NO-PHANTOM-KEY, an EOR of T000 (statistical) or 2721 (actual), a PROD-IND of N, and a COST-CEN-MGR that matches the current overhead record COST-CEN-MGR. When this record is not found, it is inserted subordinate to the current JO-PHANTOM-KEY. Then within the same JO-PHANTOM-KEY, the JO-MIL-LBR-OFC-FYTD and the JO-MIL-LBR-ENL-FYTD are summed and then reduced by JO-MIL-OVHD-FYTD from a specific FC-MIL-CONTR-LBR-RECORD. The result is the current military dollars. The specific FC-MIL-CONTR-LBR-RECORD must be subordinate to the same JO-NO-PHANTON-KEY and the JO-MIL-LBR-COST-CEN-MGR must match the current overhead record COST-CEN-MGR. If this specific record does not exist, it is inserted subordinate to the current JO-NO-PHANTOM-KEY. Current civilian dollars and current military dollars are added together. This sum is then multiplied by each percentage that is used on the current overhead distribution record.

(c)   When the percentage overhead is actual, TRNS-CD 623 is created for each percentage on the overhead distribution record with an EOR of 2721. When the percentage overhead is statistical, the only update required is to add each calculated overhead action amount to EOR-STAT-OVHD-DOL-CFI, EOR-STAT-OVHD-DOL-FYTD, and EOR-STAT-OVHD-DOL-CRM on the overhead FC-EOR-RECORD with an EOR of T000.

(d)   The type of update (actual or statistical) will be the same until the JO-NO changes. An offset job order update will occur each time that both the EOR-COST-CEN-MGR and JO-MIL-LBR-COST-CEN-MGR no longer match the positions filled of the overhead COST-CEN-MGR. An update for a negative value is posted to the S2K.FUND file for the direct job order offset.

(3) Overhead application for COST-IND of R.

(a) When the COST-IND on the overhead distribution record of SOMARATE equals R, two groups of records are located on the S2K.FUND file, the FC-EOR-RECORD and the FC-MIL-CONTR-LBR-RECORD. The FC-EOR-RECORDS selected are those where the RESR-TY-FIN-CD equals 6, the RESR-REIMB-SRC-CD contains a value, the COST-IND equals R, the MSN-OVHD-CD does not equal 01 or 07, the EOR does not equal 2721, and the PROD-IND equals Y. The FC-MIL-CONTR-LBR-RECORDS selected at those where the RESR-TY-FIN-CD equals 6, the RESR-REIMB-SRC-CD contains a value, the COST-IND equals R, and the MSN-OVHD-CD does not equal 01 or 07.

(b) The calculation for productive rate overhead is the sum of civilian labor EOR-HRS-FYTD for all records within the same JO-PHANTOM-KEY. This sum is reduced by the value in EOR-OVHD-HRS contained in the overhead FC-EOR-RECORD. The result is the current civilian hours. The overhead FC-EOR-RECORD must be subordinate to the current JO-NO-PHANTOM-KEY. The EOR-CONCAT-KEY for this record equals the JO-NO of the JO-NO-PHANTOM-KEY, an EOR of T000 (statistical) or 2721 (actual), a PROD-IND of N, and a COST-CEN-MGR that matches the current overhead record COST-CEN-MGR. When this record is not found, it is inserted subordinate to the current JO-NO-PHANTOM-KEY. Current civilian hours are added to EOR-OVHD-HRS-FYTD and EOR-OVHD-HRS-CRM in the overhead FC-EOR-RECORD. Then within the same JO-NO-PHANTOM-KEY, the JO-MIL-LBR-HRS-FYTD and the JO-CONTR-HRS-FYTD are summed and then the JO-MIL-LBR-HRS-FYTD from a specific FC-MIL-CONTR-LBR-RECORD is reduced by JO-MIL-OVHD-HRS-FYTD and the sum of JO-CONTR-HRS-FYTD is reduced by JO-CONTR-OVHD-HRS-FYTD. The results are the current military hours and current contractor hours. The specific FC-MIL-CONTR-LBR-RECORD must be subordinate to the same JO-NO-PHANTON-KEY and the JO-MIL-LBR-COST-CEN-MGR must match the current overhead record COST-CEN-MGR. If this specific record does not exist, it is inserted subordinate to the current JO-NO-PHANTOM-KEY. Current military hours are added to JO-MIL-OVHD-HRS-FYTD and JO-MIL-OVHD-HRS-CRM. Current contractor hours are added to JO-CONTR-OVHD-HRS-FYTD and JO-CONTR-OVHD-CRM. Current civilian hours, current military hours, and current contractor hours are added together. This sum is then multiplied by each rate that is used on the current overhead distribution record.

(c) When the productive rate overhead is actual, TRNS-CD 623 is created for each rate on the overhead distribution record with an EOR of 2721. When the productive rate overhead is statistical, the only update required is to add each calculated overhead action amount to EOR-STAT-OVHD-DOL-CFI, EOR-STAT-OVHD-DOL-FYTD, and EOR-STAT-OVHD-DOL-CRM on the overhead FC-EOR-RECORD with an EOR of T000.

(d) The type of update (actual or statistical) will be the same until the JO-NO changes. An offset job order update will occur each time that both the EOR-COST-CEN-MGR and JO-MIL-LBR-COST-CEN-MGR no longer match the positions filled of the overhead COST-CEN-MGR. An update for a negative value is posted to the S2K.FUND file for the direct job order offset.

c. When the process generates TRNS-CD 623, specific values are assigned to the data elements. These are as follows:

ELEMENT	PIC	POSITION	VALUE ASSIGNED
CMD-DSG	X(01)	1	RESR-CMD-DSG related to JO-NO.
TRNS-CD	X(03)	2-4	623.
PROC-ACT-CD	X(01)	5	2.
INP-ACT-CD	X(06)	6-11	I00000 when JO-FRZ-CD equals 1, otherwise positions 1-5 equal I0000 and position 6 equals JO-FRZ-CD.
BLK-TKT-NO	X(07)	12-18	OVHDIST.
BLK-TKT-DT	X(08)	19-26	Systems date in CCYYMMDD format.
UPDT-CD	X(02)	27-28	CM.
JO-NO	X(06)	29-34	Current JO-NO when COST-IND equals A, otherwise, positions 1-6 of JO-NO-PHANTOM-KEY.
EOR	X(04)	35-38	2721.
COMT-REF-NO	X(14)	39-52	Positions 1-2 equal OH. Positions 3-8 equal transaction JO-NO. Positions 9-10 equal SOMARATE OVHD-MSN-CD. Positions 11-12 equal SOMARATE OVHD-TY. Positions 13-14 equal positions 5-6 of SOMAUNIQ SYS-END-PRD-DT.
OBLG-REF-NO-SPIIN	X(18)	53-70	Same as COMT-REF-NO.
COST-CEN-MGR	X(06)	71-76	For offset JO-NO, uses JO-COST-CEN-MGR otherwise, uses SOMARATE OVHD-CD.
DOCU-DT	X(08)	77-84	Systems date in CCYYMMDD format.
ACT-AMT	S9(10)V99	85-96	Calculated overhead amount.
WI-FED-GOVT-CD	X(01)	97	F.
DOV-NO	X(06)	98-103	900000.
DSSN	X(04)	104-107	SOMAUNIQ CMD-DSG for RESR-CMD-DSG.

ELEMENT	PIC	POSITION	VALUE ASSIGNED
DELMARS-XMIT-NO	X(02)	108-109	Spaces.
OBLG-STAT-CD	X(01)	110	2.
OBLG-EXPIR-DT	X(08)	111-118	Spaces.
FIN-PRT-CD	X(01)	119	F.
COUNTRY-CD	X(02)	120-121	Spaces.
JV-NO	X(06)	122-127	Spaces.
OBLG-TY-CD	X(01)	128	M.
AMD-NO	X(02)	129-130	Spaces.
QTY	S9(09)	131-139	Zeros.
WT-LBS	S9(05)	140-144	Zeros.
HRS	S9(06)V99	145-152	Zeros.
NOMENCLATURE	X(35)	153-187	Spaces.
CLIN	X(06)	188-193	Spaces.
ACRN	X(02)	194-195	Spaces.
MOD-NO	X(06)	196-201	Spaces.
SUB-JO-NO	X(08)	202-209	Spaces when COST-IND equals A, otherwise, positions 7-10 of current JO-NO-PHANTOM-KEY.
IFS-DOCU-NO	X(18)	210-227	Spaces.
LBR-PAY-PD-NO	X(14)	228-241	Spaces.
PROD-IND	X(01)	242	N.
FILLER	X(58)	243-300	Spaces.

d. Whenever a detail job order is referenced back to a decommitment JO-NO (that is, DECOMT-JO contains a value), a decommitment adjustment will be generated and the bulk commitment record is updated accordingly. The bulk commitment record COMT-CFI value is reduced by the generated commitment adjustment amount. If the COMT-CFI in the bulk commitment record is greater than .00 but less than the original commitment adjustment amount, the system will reduce the COMT-CFI field by a portion of the commitment adjustment until COMT-CFI equals .00 but will not reduce the field below .00. A decommitment adjustment is generated for the amount actually posted to the bulk commitment record. The process generates TRNS-CD 319 and assigns these values.

ELEMENT	PIC	POSITION	VALUE ASSIGNED
CMD-DSG	X(01)	1	RESR-CMD-DSG.
TRNS-CD	X(03)	2-4	319.
PROC-ACT-CD	X(01)	5	2.
INP-ACT-CD	X(06)	6-11	I00000.
BLK-TKT-NO	X(07)	12-18	OVHDIST.
BLK-TKT-DT	X(08)	19-26	Systems date in CCYYMMDD format.
UPDT-CD	X(02)	27-28	CM.
JO-NO	X(06)	29-34	The bulk DECOMT-JO-NO referenced in JO-NO record.
COMT-REF-NO	X(14)	35-48	The descendent COMT-REF-NO of the DECOMT-JO-NO record.
DOCU-DT	X(08)	49-56	Systems date in CCYYMMDD format.
COMT-ADJ-AMT	S9(10)V99	57-68	Computed decommitment adjustment amount.
JV-NO	X(06)	69-74	Spaces.
SUB-JO-NO	X(08)	75-82	Spaces.
COST-CEN-MGR	X(06)	83-88	Spaces.
FILLER	X(212)	89-300	Spaces.

e. Whenever a detail job order for a mission overhead code not equal 01 is frozen (JO-FRZ-CD equals two or three) the overhead distribution processing for that job order will continue. The JO-FRZ-CD will be moved to the last position of the INP-ACT-CD of the transaction image generated for the update to the S2K.FUND file that occurred in the overhead distribution process. The updates that have occurred to frozen job orders will be reported in the SOMARDS Transactions Processed Against Frozen JO-NO Records, PCN B67AXXL014D. For a detailed description of this report refer to System ID 1918 in this UM.

f. The overhead distribution process produces three reports that contain valid data or error conditions.

(1) Overhead Distribution Summary, PCN B67AXXI134R. This report provides the total debit and credit amounts realized by the overhead distribution process and is sorted by accounting classification.

(2) Overhead Distribution Detail, PCN B67AXXI144R. This report provides information on all detail job order records that received overhead distribution, the total hours used, and the amount applied for the cycle. Total hours is the difference between the sum of all EOR-HRS-FYTD for that job order and EOR-OVHD-HRS-FYTD where the EOR is 2721 for that job order.

(a) The report is sorted by cost center manager, AMS-CD, and JO-NO.

(b) Totals are provided by AMS-CD and cost center manager. Page breaks occur whenever the cost center manager changes.

(3) Overhead Distribution Error Report, PCN B67AXXI154R. This report provides a listing of those job order records and applicable total hours that were not processed when overhead distribution process was run. These job order records could not be processed because the COST-CEN-MGR of the job order level record in the S2K.FUND file did not match each filled position of the COST-CEN-MGR of the overhead rate record in SOMATBLS.

(a) The report is sorted by cost center manager, AMS-CD, and JO-NO.

(b) Totals are provided by AMS-CD and cost center manager. Page breaks occur whenever the cost center manager changes.

3.2.3.26 System ID 1927, Block Ticket Operations and Maintenance Unique Update. This process reads and modifies records in the SOMABLKT, SOMATBLS, SOMAUNIQ, and SOMABLKC files.

a. For each SOMABLKT record that contains an UPDT-CD equal to NM and has not yet been processed as a valid transaction (that is, batch reject or newly entered batch), the UPDT-CD is changed to CM.

b. When run at the end of the fiscal year, System ID 1927 updates the APROP-ASN-RECORD in the SOMATBLS file. The AA-EXPR-YR field is incremented by 1 if it contains a numeric value.

c. The SOMAUNIQ system record is modified as follows:

(1) The OPEN-PERIOD-CD is changed from a P to an N.

(2) The value that currently exists in the END-PRD-DT is moved to the PRIOR-END-PRD-DT.

(3) The END-PRD-DT field is changed to reflect the last day of the next calendar month.

(4) The MON-CD is changed to reflect the correct code that corresponds to the actual calendar month as reflected in the END-PRD-DT (that is, October's MON-CD = A, November's MON-CD = B, December's MON-CD = C, January's MON-CD = D, February's MON-CD = E, March's MON-CD = F, April's MON-CD = G, May's MON-CD = H, June's MON-CD = J, July's MON-CD = K, August's MON-CD = L, and September's MON-CD = M).

d. When the SOMABLKT-PURGE-CD in the SOMAUNIQ command record equals M, the System ID reads each BLK-TIKT-CNTRL-BTCH-RECORD in the SOMABLKC file. Records are purged from the SOMABLKT and SOMABLKC files when the following conditions are met:

(1) When the SOMABLKC batch record's BTCH-TOT-BTCH (targeted amount) equals BTCH-CUM-BTCH-VALUE (entered amount) equals BTCH-PROC-VALUE (processed amount), each SOMABLKT detail record is read:

(a) When all the detail records with the same CMD-DSG/BLK-NO/BLK-TKT-DT/BATCH-NO combination contain a P in the TRNS-TO-BE-PROC-IND field, these detail records will be purged from the SOMABLKT file and the corresponding batch record will be purged from the SOMABLKC file.

(b) When there are no batch records remaining under the control record in the SOMABLKC file, the control record will be purged from the SOMABLKC file.

(2) When the SOMABLKC batch record's BTCH-TOT-BTCH (targeted amount) does not equal BTCH-CUM-BTCH-VALUE (entered amount) does not equal BTCH-PROC-VALUE (processed amount), each SOMABLKT detail record is read:

(a) If there are no detail records with the same CMD-DSG/BLK-NO/BLK-TKT-DT/BATCH-NO combination, the batch record will be purged from the SOMABLKC file.

(b) When there are no batch records remaining under the control record in the SOMABLKC file, the control record will be purged from the SOMABLKC file.

3.2.3.27 System ID 1928, SOMARDS As Required Base Operations Rate. System ID 1928 is an as-required process that distributes base operations costs to automatic reimbursable orders for OMA in the current fiscal year. Base operations costs are those incurred in the operation of functions such as supply operations, maintenance of utilities, maintenance and repair of real property, minor construction, other engineering support, and administration. Refer to AMC-R 37-5 for policy and procedures of accounting and distribution of base operations costs. The base operations distribution process should be scheduled after labor processes but prior to bill cycle and regulatory reporting.

a. There are two types of automatic reimbursable orders that are used in the base operations distribution process. The first is the reimbursable record where the base operations costs are charged to an actual reimbursable customer. The second is the reimbursable record or a group of records where the base operations costs that have been charged to actual reimbursable customers within a specific REIMB-SRC-CD are distributed for regulatory reporting purposes.

(1) The automatic reimbursable order where the base operations costs are charged to an actual reimbursable customer is a BOR applicable order. A BOR applicable order is one where there is a value in the element BOR-CEILING of the S2K.FUND file. When there is a value in BOR-CEILING then the element BOR-APPL of the reimbursable record will contain the value Y. A value is entered in the element BOR-CEILING of the reimbursable record by using TRNS-CD 762 or 765. Refer to ADSM 18-C99-JAQ-ZZZ-UM-02 for a discussion of these transactions. To be eligible as a BOR applicable order the resource and reimbursable records must meet the following conditions:

(a) The resource record must be for an automatic reimbursable order. RESR-TY-FIN-CD of the resource record of the S2K.FUND file must equal six.

(b) The resource record must be for the current fiscal year. PROG-YR of the resource record of the S2K.FUND file must equal CURR-FY of the SOMAUNIQ.

(c) The resource record must be for the OMA appropriation. APROP-SYM of the resource record of the S2K.FUND file must equal 2020.

(2) Once an order is established as a BOR applicable record the value in BOR-CEILING can be increased or decreased by processing additional TRNS-CD 762 or 765. If additional transactions reduce the value in BOR-CEILING to below zero they will not be processed. If the value in BOR-CEILING of the S2K.FUND file is reduced to zero then the order is no longer BOR applicable and the element BOR-APPL is returned to null.

(3) The automatic reimbursable order or a group of orders where the base operations costs that have been charged to BOR applicable orders are distributed is a memo order. A memo order is one that is contained in the SOMADIST BOR-SRC-CD-DTL-RECORD. This memo order should be the sum of the values in BOR-CEILING of all BOR applicable records with an REIMB-SRC-CD that matches the memo order. To enable a valid update of the BOR-SRC-CD-DTL-RECORD, a memo order must exist as resource and reimbursable records and must meet the following conditions:

(a) The resource record must be for an automatic reimbursable order. RESR-TY-FIN-CD of the resource record of the S2K.FUND file must equal six.

(b) The resource record must be for the current fiscal year. PROG-YR of the resource record of the S2K.FUND file must equal CURR-FY of the SOMAUNIQ.

(c) The resource record must be for the OMA appropriation. APROP-SYM of the resource record of the S2K.FUND file must equal 2020.

(d) The resource record must be for manual bill cycle processing. REIMB-PROC-CD must equal M.

(e) The resource record must have a descendant job order record and the JO-MON-AMS-REPT-LVL of the job order record must equal that of the OFST-JO-NO to be used in the BOR-SRC-CD-DTL-RECORD.

b. The base operations distribution process charges costs to BOR applicable orders based on multiplication of a standard rate for the cost times additional resource hours.

(1) The standard rate is contained in the BOR-STD-RATE-RECORD of the SOMARATE file. This record is updated by using TRNS-CD 826. Refer to ADSM 18-C99-JAQ-ZZZ-UM-02 for a discussion of this transaction.

(2) The additional resource hours charged is a result of labor processing that has occurred prior to base operations distribution. The value BOR-HRS-BILLED subtracted from RESR-HRS-CFI minus RESR-HRS-NM is used to determine the additional resource hours.

c. These costs are charged to the reimbursable customer up to the value of BOR-CEILING for a BOR applicable order. The BOR applicable order will have a manual bill cycle transaction passed to System ID 1934. The elements BOR-HRS-BILLED and BOR-BILLED of the resource record for the BOR applicable order are updated during the process.

d. The costs for all BOR applicable orders with the same REIMB-SRC-CD are distributed to the memo records listed in the SOMADIST. The SOMADIST BOR-SRC-CD-HDR-RECORD and BOR-SRC-CD-DTL-RECORD are built through BOR distribution table build (TRNS-CD 827). Refer to ADSM 18-C99-JAQ-ZZZ-02 for a detailed discussion of this transaction. The distribution of costs occurs during System ID 1928 and includes the update to the S2K.FUND file for the transactions listed below.

(1)   The MGR-RESR-REF-NOs and their descendant REIMB-JO-NOs that are listed in the SOMADIST BOR-SRC-CD-DTL-RECORD are the memo records. These memo records will have few or no updates from other System IDs during the month. These memo records are where the positive commitment, obligation, expense, and disbursement; the earn and bill; and the collection transactions generated during the base operations distribution process are posted.

(2)   The offset job orders that are listed in the BOR-SRC-CD-DTL-RECORD are those where the costs have been incurred. These offset job orders will have updates occurring from labor and other various System IDs throughout the month. These offset job orders are where the negative commitment, obligation, expense, and disbursement transactions generated during the base operations distribution process are posted.

e. When the REIMB-JO-NO or offset job order is referenced to a decommitment JO-NO (that is, DECOMT-JO-NO contains a value), the decommitment process is activated and the bulk commitment record is updated accordingly. Refer to ADSM 18-C99-JAQ-ZZZ-UM-02 for the required file conditions for decommitment job order processing to occur and the updates the process will cause.

f. When the REIMB-JO-NO or offset job order is frozen (JO-FRZ-CD equals two or three) the base operations distribution processing for that job order will continue. The JO-FRZ-CD will be moved to the last position of the INP-ACT-CD of the transaction image generated for the update to the S2K.FUND file that occurred in the base operations distribution process. The updates that have occurred to frozen job orders will be reported in the SOMARDS Transactions Processed Against Frozen JO-NO Records (PCN B67AXXL014D). For a detailed description of this report refer to System ID 1918.

g. Year-end processing for System ID 1928 will occur within the System ID when the MON-CD of the SOMAUNIQ equals M. Year-end processing will occur in the S2K.FUND file (causing an update to the S2K.HIST file) and in the SOMADIST.

(1) At year-end BOR applicable orders for the current fiscal year could have two additional updates. Each BOR applicable order for the current fiscal year will have the value Y in the element BOR-APPL of the reimbursable record removed. For each of these orders (where the value in the element BOR-CEILING is greater than the value in BOR-BILLED) the element BOR-CEILING will be reduced to equal the value contained in BOR-BILLED. Each BOR applicable order (where BOR-CEILING is reduced to BOR-BILLED) will generate a TRNS-CD 765 with a negative value in BOR-CEILING. This transaction will be passed to System ID 1918 for update to the S2K.HIST and S2K.GNLR files.

(2)   The records that have been built in the SOMADIST BOR-SRC-CD-HDR-RECORD and BOR-SRC-CD-DTL-RECORD for all REIMB-SRC-CDs will be removed at year-end. This file must be manually repopulated with current year data at the beginning of the next fiscal year.

h. The base operations distribution process produces two reports.

(1) SOMARDS Base Operations Rate Error Report, PCN B67AXXJ074R. This as-required report provides a listing of BOR applicable resource records where base operations costs cannot be computed or applied because of conditions that exist in the SOMARATE, SOMADIST, and S2K.FUND files.

(a) This report consists of three parts. Part I of the report is related to BOR standard rate records in the SOMARATE. Part II of the report can have three sections and is related to BOR-SRC-CD-DTL-RECORD and BOR-SRC-CD-DTL-RECORDS in the SOMADIST. Part III of the report can have two sections and is related to resource records in the S2K.FUND. Each part and section of this report is independent. Error records existing for any one part or section will cause all others to be produced with no error records message shown.

(b) Part I of the report will be produced with error records when a BOR applicable resource record cannot find a match in the SOMARATE. The cost center of the BOR applicable resource record does not match any of the two-position cost centers of the BOR standard rate records in the SOMARATE. This part of the report is sorted by appropriation (department code, second pos of program year, and appropriation symbol), allotment, source code, and cost center.

(c) Part II, section I of the report will be produced with error records when a BOR applicable resource record cannot find a matching source code in the SOMADIST BOR-SRC-CD-HDR-RECORD. Specifically, the reimbursable source code of the BOR applicable resource record does not match any of the BOR-SRC-CD-HDR-RECORD in the SOMADIST. This section of the report is sorted by source code, appropriation (department code, second pos of program year and appropriation symbol), allotment, and cost center.

(d) Part II, section II of the report will be produced with error records when a BOR-SRC-CD-HDR-RECORD in the SOMADIST does not equal 100 percent. The source code and total percent from the SOMADIST are listed for each one that does not equal 100 percent. When this condition occurs and there are BOR applicable resource records with a source code that matches, they are listed with the error record from the SOMADIST. This section of the report is sorted by source code. Then if there are BOR applicable resource records with the same source code, they are sorted by appropriation (department code, second pos of program year, and appropriation symbol), allotment and cost center.

(e) Part II, section III of the report will be produced with error records when any of the key elements, MGR-RESR-REF-NO, REIMB-JO-NO or OFST-JO-NO, of a BOR-SRC-CD-DTL-RECORD in the SOMADIST are not in the S2K.FUND file. The key elements are checked for occurrence on the S2K.FUND file only for those records where the related BOR-SRC-CD-HDR-RECORD equals 100 percent.

[1] Every key element for each BOR-SRC-CD-DTL-RECORD related to BOR-SRC-CD-HDR-RECORD equal to 100 percent will be checked for occurrence on the S2K.FUND file. Any BOR-SRC-CD-DTL-RECORD with a key element or elements not in the S2K.FUND file will list all key elements on the report and those missing from the S2K.FUND file will be noted by an asterisk (*).

[2] There can be BOR applicable resource records with a source code that matches one from the SOMADIST where one of the key elements from the BOR-SRC-CD-DTL-RECORD is missing from the S2K.FUND file. When this condition occurs, information from the BOR applicable resource record is listed with the error records from the SOMADIST.

[3] This section of the report is sorted by source code. Then the BOR-SRC-CD-DTL-RECORDS that have key elements missing for that source code are listed. If there are BOR applicable resource records with the same source code, they are sorted by appropriation (department code, second pos of program year and appropriation symbol), allotment, and cost center.

(f) Part III, section I of the report is produced with error records when a BOR applicable resource record has additional base operations costs to be applied but the record has been previously billed to the ceiling. The resource hours related to the additional costs are listed as unbilled hours. These records can have no billing of costs during this cycle and do not appear on the orders billed section of the SOMARDS base operations rate report. This section of the report is sorted by appropriation (department code, second pos of program year, and appropriation symbol), allotment, source code, and cost center.

(g) Part III, section II of the report is produced with error records when a BOR applicable resource record has additional base operations costs to be applied but that total cost and previously billed costs will exceed the ceiling. The resource hours related to these excess costs are listed as unbilled hours. These records have costs billed to the ceiling during this cycle and appear on the orders billed section of the SOMARDS base operations rate report. This section of the report is sorted by appropriation (department code, second pos of program year, and appropriation symbol), allotment, source code, and cost center.

(2) SOMARDS Base Operations Rate Report, PCN B67AXXJ084R. This as-required report provides a listing of BOR applicable resource records where base operations costs are computed, applied and billed, and a listing of the distribution of the applied costs to the BOR-SRC-CD-DTL-RECORDS of the SOMADIST.

(a) This report consists of two parts. Part I of the report is a listing of base operations costs billed to customer orders. Part II of the report is the distribution of those costs or the earning distribution to records in the SOMADIST. Whenever costs are billed to the customer, a distribution will occur. Therefore, if there is a part I there will be a part II and a part II cannot be produced without a part I.

(b) Part I of this report is a listing of BOR applicable resource records where base operation costs have been billed this cycle. The resource hours related to these costs are listed as BOR-HRS-BILLED and the costs are listed as BOR-BILLED. This part of the report is sorted by appropriation (department code, second pos of program year and appropriation symbol), allotment, source code, and cost center. The values in BOR-HRS-BILLED and BOR-BILLED are subtotaled each time the cost center changes. Each time this subtotal line is produced, a count of BOR applicable resource records is listed as number of orders billed. Additional subtotal line and number of orders billed are produced each time the source code or allotment changes. A total line for the same elements is produced when the appropriation changes.

(c) Part II of this report is a listing of resource records that have received the distribution of base operations costs that have been billed to the BOR applicable resource records. The total distribution to a resource record is listed as amount earned and is the same value as the update to the earn, bill, and collection elements of the reimbursable record of the S2K.FUND file. This part of the report is sorted by appropriation (department code, second pos of program year, and appropriation symbol), allotment, source code, resource reference number, and cost center. The value in amount earned is subtotaled each time the source code changes and again when the allotment changes. A total line of the element is produced when the appropriation changes.

3.2.3.28 System ID 1931, Cost Distribution Process. This process distributes costs from one collection JO-NO and collection SUB-JO-NO combination to one or more other JO-NO and SUB-JO-NO combinations located in the S2K.FUND file. It also produces two output reports that provide information on records that were processed and records that could not be processed because of errors encountered during processing.

a. Cost Process. The SOMADIST and S2K.FUND files are used to determine which records qualify for distribution. How distribution is made depends on how the SOMADIST cost distribution record is set up.

b. How the SOMADIST file is used in the cost process for each COLL-JO-NO.

(1) When the collection SUB-JO-NO in the SOMADIST file equals spaces, the process will sum individual costs for each existing SUB-JO-NO and each existing COST-CEN-MGR combination in the S2K.FUND file and distribute this sum to each intended detail JO-NO and SUB-JO-NO combination in SOMADIST by the collection COST-CEN-MGR and by the COST-PCT indicated.

(2) When the collection SUB-JO-NO in the SOMADIST file contains a value, the process will sum individual costs for that specific SUB-JO-NO and each existing COST-CEN-MGR in the S2K.FUND file and distribute these sums to each intended detail JO-NO and SUB-JO-NO combination in SOMADIST by the collection COST-CEN-MGR and by the COST-PCT indicated.

c. How the S2K.FUND file is used in the cost process.

*   (1) The process uses the EOR-OBLG-CFI, EOR-EXP-CFI, EOR-DISB-CFI, and EOR-HRS-CFI from the FC-EOR-RECORD; and the JO-MIL-LBR-OFC-CFI, JO-MIL-LBR-ENL-CFI, JO-MIL-LBR-HRS-CFI, and JO-CONTR-HRS-CFI from the FC-MIL-CONTR-LBR-RECORD in the distribution of costs.

*   (2) Distribution is made by the sum of individual obligation, expense, disbursement, military labor dollars, military labor hours, and contractor hours at the SUB-JO-NO and COST-CEN-MGR level. The process may generate the following transaction types:

TRNS-CD	DESCRIPTION
* 340	COMT/OBLG TRANSACTION
* 345	COMT/OBLG/EXP TRANSACTION (LABOR ONLY)
530	EXP TRANSACTION
610	DISURSEMENT TRANSACTION
798	MILITARY LABOR/CONTRACTOR HOURS

(3) A reversal transaction is generated for the collection JO-NO, SUB-JO-NO, and COST-CEN-MGR transaction so that the result nets to zero. Additional distribution can only occur if more costs are posted to the collection JO-NO and SUB-JO-NO.

d. Generated Transactions. Definitions of the generated transactions that are created for the COLL-JO-NO and the DIS-JO-NO are as follows:

*   (1) Generated TRNS-CDs 340 and 345.

ELEMENT	LENGTH	POSITION	VALUE ASSIGNED
CMD-DSG	X(01)	1	RESR-CMD-DSG.
TRNS-CD	X(03)	2-4	340 or 345.
PROC-ACT-CD	X(01)	5	2.
INP-ACT-CD	X(06)	6-11	I00000 when JO-FRZ-CD equals 1, otherwise positions 1-5 equal I0000 and position 6 equals JO-FRZ-CD.
BLK-TKT-NO	X(07)	12-18	CSTDIST.
BLK-TKT-DT	X(08)	19-26	Systems date in CCYYMMDD format.
UPDT-CD	X(02)	27-28	CM.
JO-NO	X(06)	29-34	See note below.
EOR	X(04)	35-38	EOR of EOR record.
COMT-REF-NO	X(14)	39-52	See note below.

ELEMENT	LENGTH	POSITION	VALUE ASSIGNED
OBLG-REF-NO-SPIIN	X(18)	53-70	See note below.
COST-CEN-MGR	X(06)	71-76	See note below.
DOCU-DT	X(08)	77-84	Systems date in CCYYMMDD format.
ACT-AMT	S9(10)V99	85-96	See note below.
WI-FED-GOVT-CD	X(01)	97	When EOR-OBLG-WO, then equals O. When EOR-OBLG-WI, then equals F.
OBLG-STAT-CD	X(01)	98	1.
OBLG-EXPIR-DT	X(08)	99-106	Positions 1-2 equal SOMAUNIQ SYS-CAL-CENTURY. Positions 3-4 equal SOMAUNIQ CURR-FY. Positions 5-8 equal 0930.
JV-NO	X(06)	107-112	Spaces.
OBLG-TY-CD	X(01)	113	M when TRNS-CD equals 340. L when TRNS-CD equals 345.
AMD-NO	X(02)	114-115	Spaces.
QTY	S9(09)	116-124	Zero filled.
WT-LBS	S9(05)	125-129	Zero filled.
HRS	S9(06)V99	130-137	See note below.
NOMENCLATURE	X(35)	138-172	Spaces.
CLIN	X(06)	173-178	Spaces.
ACRN	X(02)	179-180	Spaces.
MOD-NO	X(06)	181-186	Spaces.
SUB-JO-NO	X(08)	187-194	See note below.
IFS-DOCU-NO	X(18)	195-212	Spaces.
LBR-PAY-PD-NO	X(14)	213-226	See note below.
PROD-IND	X(01)	227	PROD-IND of EOR record.
FILLER	X(73)	228-300	Spaces.

Note. The assignment of JO-NO, COMT-REF-NO, OBLG-REF-NO, COST CEN-MGR, ACT-AMT, SUB-JO-NO, LBR-PAY-PD-NO, and HRS.

	340/345 REVERSAL	**340/345 DISTRIBUTION DETAIL**
JO-NO	COLL-JO-NO	DIST-JO-NO
COMT-REF-NO	CD + COLL-JO-NO + REVS	CD + COLL-JO-NO + DIST-JO-NO
OBLG-REF-NO	CD + COLL-JO-NO + REVS	CD + COLL-JO-NO + DIST-JO-NO
COST-CEN-MGR	COLL-JO-NO EOR-COST-CEN-MGR	COLL-JO-NO EOR-COST-CEN-MGR, when CMD-CCM-VAL-SWTCH is Y. Otherwise DIST-JO-NO EOR-COST-CEN-MGR
ACT-AMT	DIST-OBLG-AMT times -1	DIST-OBLG-AMT
SUB-JO-NO	COLL-SUB-JO-NO if filled, otherwise each encountered SUB-JO-NO related to COLL-JO-NO in S2K file.	DIST-SUB-JO-NO if filled, otherwise COLL-SUB-JO-NO if filled, otherwise each encountered SUB-JO-NO related to COLL-JO-NO in S2K file.
	340 REVERSAL	**340 DISTRIBUTION DETAIL**
HRS	Zero filled.	Zero filled.
LBR-PAY-PD-NO	Spaces	Spaces
	345 REVERSAL	**345 DISTRIBUTION DETAIL**
HRS	DIST-HRS times –1.	DIST-HRS.
LBR-PAY-PD-NO	CD + COLL-JO-NO + REVS	CD + COLL-JO-NO + DIST-JO-NO

    (2) Generated TRNS-CD 530.

ELEMENT	LENGTH	POSITION	VALUE ASSIGNED
CMD-DSG	X(01)	1	RESR-CMD-DSG.
TRNS-CD	X(03)	2-4	530.
PROC-ACT-CD	X(01)	5	2.
INP-ACT-CD	X(06)	6-11	I00000.
BLK-TKT-NO	X(07)	12-18	CSTDIST.
BLK-TKT-DT	X(08)	19-26	Systems date in CCYYMMDD format.
UPDT-CD	X(02)	27-28	CM.
JO-NO	X(06)	29-34	See note below.

ELEMENT	LENGTH	POSITION	VALUE ASSIGNED
EOR	X(04)	35-38	EOR of EOR record.
COMT-REF-NO	X(14)	39-52	See note below.
OBLG-REF-NO-SPIIN	X(18)	53-70	See note below.
COST-CEN-MGR	X(06)	71-76	EOR-COST-CEN-MGR.
DOCU-DT	X(08)	77-84	Systems date in CCYYMMDD format.
ACT-AMT	S9(10)V99	85-96	See note below.
JV-NO	X(06)	97-102	Spaces.
QTY	S9(09)	103-111	Zero filled.
CLIN	X(06)	112-117	Spaces.
OBLG-TY-CD	X(01)	118	M.
ACRN	X(02)	119-120	Spaces.
SUB-JO-NO	X(08)	121-128	See note below.
PROD-IND	X(01)	129	PROD-IND of EOR record.
IFS-DOCU-NO	X(18)	130-147	Spaces.
FILLER	X(153)	148-300	Spaces.

Note. Assignment of JO-NO, COMT-REF-NO, OBLG-REF-NO-SPIIN, ACT-AMT, and SUB-JO-NO.

	530 REVERSAL	530 DISTRIBUTION DETAIL
JO-NO	COLL-JO-NO	DIST-JO-NO
COMT-REF-NO	CD + COLL-JO-NO + REVS	CD + COLL-JO-NO + DIST-JO-NO
OBLG-REF-NO	CD + COLL-JO-NO + REVS	CD + COLL-JO-NO + DIST-JO-NO
ACT-AMT	DIST-EXP-AMT TIMES -1	DIST-EXP-AMT
SUB-JO-NO	COLL-SUB-JO-NO if filled, otherwise each encountered SUB-JO-NO related to COLL-JO-NO in S2K file.	DIST-SUB-JO-NO if filled, otherwise COLL-SUB-JO-NO if filled, otherwise each encountered SUB-JO-NO related to COLL-JO-NO in S2K file.

   (3) Generated TRNS-CD 610.

ELEMENT	LENGTH	POSITION	VALUE ASSIGNED
CMD-DSG	X(01)	1	RESR-CMD-DSG.
TRNS-CD	X(03)	2-4	610.

ELEMENT	LENGTH	POSITION	VALUE ASSIGNED
PROC-ACT-CD	X(01)	5	2.
INP-ACT-CD	X(06)	6-11	I00000.
BLK-TKT-NO	X(07)	12-18	CSTDIST.
BLK-TKT-DT	X(08)	19-26	Systems date in CCYYMMDD format.
UPDT-CD	X(02)	27-28	CM.
JO-NO	X(06)	29-34	See note below.
EOR	X(04)	35-38	EOR of EOR record.
COMT-REF-NO	X(14)	39-52	See note below.
OBLG-REF-NO-SPIIN	X(18)	53-70	See note below.
COST-CEN-MGR	X(06)	71-76	EOR-COST-CEN-MGR
DOCU-DT	X(08)	77-84	Systems date in CCYYMMDD format.
ACT-AMT	S9(10)V99	85-96	See note below.
DOV-NO	X(06)	97-102	999999.
BILL-NO	X(06)	103-108	Spaces.
BILLED-DODAAC	X(06)	109-114	Spaces
BILLING-DODAAC	X(06)	115-120	Spaces
DSSN	X(04)	121-124	SOMAUNIQ-CMD-DSSN.
DELMARS-XMIT-NO	X(02)	125-126	A1.
FIN-PRT-CD	X(01)	127	P.
COUNTRY-CD	X(02)	128-129	Spaces.
JV-NO	X(06)	130-135	Spaces.
QTY	S9(09)	136-144	Zero filled.
DISCOUNT-AMT	S9(10)V99	145-156	Zero filled.
CLIN	X(06)	157-162	Spaces.
OBLG-TY-CD	X(01)	163	L when position 1 of EOR equals 1, otherwise equals M.

ELEMENT	LENGTH	POSITION	VALUE ASSIGNED
ACRN	X(02)	164-165	Spaces.
SUB-JO-NO	X(08)	166-173	See note below.
PROD-IND	X(01)	174	PROD-IND of EOR record.
IFS-DOCU-NO	X(18)	175-192	Spaces.
LBR-PAY-PD-NO	X(14)	193-206	See note below when position 1 of EOR equals 1, otherwise equals spaces.
FILLER	X(94)	207-300	Spaces.

Note. Assignment of JO-NO, COMT-REF-NO, OBLG-REF-NO-SPIIN, ACT-AMT, LBR-PAY-PD-NO, and SUB-JO-NO.

	610 REVERSAL	**610 DISTRIBUTION DETAIL**
JO-NO	COLL-JO-NO	DIST-JO-NO
COMT-REF-NO	CD + COLL-JO-NO + REVS	CD + COLL-JO-NO + DIST-JO-NO
OBLG-REF-NO-SPIIN	CD + COLL-JO-NO + REVS	CD + COLL-JO-NO + DIST-JO-NO
ACT-AMT	DIST-DISB-AMT TIMES -1	DIST-DISB-AMT
SUB-JO-NO	COLL-SUB-JO-NO if filled, otherwise each encountered SUB-JO-NO related to COLL-JO-NO in S2K file.	DIST-SUB-JO-NO if filled, otherwise COLL-SUB-JO-NO if filled, otherwise each encountered SUB-JO-NO related to COLL-JO-NO in S2K file.
LBR-PAY-PD-NO	CD + COLL-JO-NO + REVS	CD + COLL-JO-NO + DIST-JO-NO

(4) Generated TRNS-CD 798.

ELEMENT	LENGTH	POSITION	VALUE ASSIGNED
CMD-DSG	X(01)	1	RESR-CMD-DSG.
TRNS-CD	X(03)	2-4	798.
PROC-ACT-CD	X(01)	5	2.
INP-ACT-CD	X(06)	6-11	I00000.
BLK-TKT-NO	X(07)	12-18	CSTDIST
BLK-TKT-DT	X(08)	19-26	Systems date in CCYYMMDD format.

ELEMENT	LENGTH	POSITION	VALUE ASSIGNED
UPDT-CD	X(02)	27-28	CM.
SUB-JO-NO	X(08)	29-36	See note below.
JO-NO	X(06)	37-42	See note below.
COST-CEN-MGR	X(06)	43-48	JO-MIL-LBR-COST-CEN-MGR.
RANK	X(02)	49-50	00 when calculated for MIL-LBR-OFC value. E0 when calculated for MIL-LBR-ENL value. Otherwise equals spaces.
MIL-ACT-AMT	S9(10)V99	51-62	See note below.
MIL-HRS	S9(06)V99	63-70	See note below.
CONTR-HRS	S9(06)V99	71-78	See note below.
IFS-DOCU-NO	X(18)	79-96	Spaces.
TASK-CD	X(05)	97-101	Spaces.
FILLER	X(199)	102-300	Spaces.

Note. Assignment of JO-NO, MIL-ACT-AMT, MIL-HRS, CONTR-HRS, AND SUB-JO-NO.

	798 REVERSAL	**798 DISTR DETAIL**
JO-NO	COLL-JO-NO	DIST-JO-NO
MIL-ACT-AMT	MIL-LBR-OFC-AMT times -1 or MIL-LBR-ENL-AMT times -1	MIL-LBR-OFC-AMT or MIL-LBR-ENL-AMT
MIL-HRS	MIL-LBR-HRS times -1	MIL-LBR-HRS
CONTR-HRS	CONTR-HRS times -1	CONTR HRS
SUB-JO-NO	COLL-SUB-JO-NO if filled, otherwise each encountered SUB-JO-NO related to COLL-JO-NO in S2K file.	DIST-SUB-JO-NO if filled, otherwise COLL-SUB-JO-NO if filled, otherwise each encountered SUB-JO-NO related to COLL-JO-NO in S2K file.

   e. Cost Distribution Report, PCN B67AXXM054R, provides for the results of the cost distribution process. Key data elements and amounts are shown on the report for both the collection and recipient detail records.

(1) Part 1, Distributed Hours and Dollars displays JO-NO, SUB-JO-NO, COST-CEN-MGR, EOR, civilian hours, and commitment, obligation, expense, and disbursement dollars distributed from the collection JO-NO and SUB-JO-NO combination to each detail JO-NO and SUB-JO-NO combinations. Information such as the percentage used in distributing costs is also displayed. The sort is by collection JO-NO, collection SUB-JO-NO, COST-CEN-MGR, and EOR from the header record, and distribution JO-NO, distribution SUB-JO-NO, detail COST-CEN-MGR, and EOR from the detail records. A total is provided for the collection JO-NO and for each distribution JO-NO, followed by a total for all distribution JO-NOs. The total of all distribution JO-NOs will match the total of the collection JO-NO.

(2) Part 2, Distributed Contractor Hours and Military Hours/Dollars displays the same type of information as in part 1 but provides for the distribution from the collection to the detail JO-NO and SUB-JO-NOs of contractor hours and military hours and dollars. The sort and totals are the same as in part 1.

f. For Cost Distribution Error Report (PCN B67AXXM064R), two error types may exist that caused the header and detail record information to be written out to this error report. The first error is when the cost total percent does not equal 100%. These errors are displayed under Part 1-- Cost Total Percent Not Equal 100 section of the hardcopy report. The second error is when the collection JO-NO, collection SUB-JO-NO, detail JO-NO, or detail SUB-JO-NO does not exist in the S2K.FUND file. These errors are displayed under Part 2 -- Collection JO-NO/SUB-JO-NO or Detail JO-NO(S) Not Located in S2K.FUND File section of the report. In both cases, no distribution processing is performed for that collection JO-NO and SUB-JO-NO combination.

3.2.3.29 System ID 1932, Average Rate Update. This process uses the most current S2K.LBRM hourly and fringe benefit dollar amounts by cost center manager to determine the average hourly and fringe benefit rates for update to the SOMALBCC file. The SOMALBCC rates will be used in the calculation of average rate costing in the daily labor and accrual labor System IDs.

a. All SOMALBCC LBR-CCM-RECORDs where the DAILY-IND equals Y, the AVG-RAT-IND equals Y, and the AVG-RAT-MANL-IND equals N are extracted and sorted by CMD-DSG and COST-CEN-MGR.

b. All S2K.LBRM file records are located by CMD-DSG and ASSIGNED-CCM where the PAYRL-INFACE-IND equals D, the REG-HRLY-RAT is greater than zero, and BASE-HRS are greater than zero and less than or equal to 80, and the CMD-DSG and ASIGNED-CCM of the S2K.LBRM equals the qualifying CMD-DSG and matching up to positions filled in the COST-CEN-MGR of the SOMALBCC file. From this extract, the process sums the S2K.LBRM REG-HRLY-RAT, OT-RAT, FICA, FEGLI, FEHB, MDCR, Civil Service Retirement System (CSRS), Federal Employees Retirement System (FERS), and Thrift Savings Plan (TSP) where these values are greater than zero. In addition, the process keeps track of the number of SSANs extracted. The process divides the summed dollar amounts by the number of extracted SSANs to determine the average rate.

c. The results of this mathematical procedure are updated to the SOMALBCC file as the current average employee rates.

S2K.LBRM Averaged Value	SOMALBCC Rate Updated	Type of Rate
REG-HRLY-RAT	AVG-HRLY-RAT	average rate per hour
OT-RAT	AVG-OT-RAT	average rate per hour
FICA	AVG-FICA-RAT	average cost per pay period
FEGLI	AVG-FEGLI-RAT	average cost per pay period
FEHB	AVG-FEHB-RAT	average cost per pay period
MDCR	AVG-MDCR-RAT	average cost per pay period
CSRS	AVG-CSRS-RAT	average cost per pay period
FERS	AVG-FERS-RAT	average cost per pay period
TSP	AVG-TSP-RAT	average cost per pay period

    d. This System ID should be run after every System ID 1902 run to ensure that current averages are always posted to the SOMALBCC file.

3.2.3.30 System ID 1933, Bill Cycle Extract and Update. System ID 1933 accumulates expenses and military labor costs from other batch processes, calculates cost add-ons and unfunded costs from these data, and updates the results to the accounting files. It is an optional process that can be run multiple times each month whenever cost add-ons and unfunded costs are required to be computed and updated to the accounting files prior to billing (System ID 1934). The REIMB-PROC-CDs that are processed by System ID 1933 are: as follows:

REIMB- PROC-CD	RESR-TY- FIN-CD	Description
B	2 or 6	Other DOD
D	2 or 6	Other costs
E	6	Other non-DOD government agencies
G	6	FMS direct cite - with waiver
H	6	FMS direct cite - without waiver
J	6	Non-federal sources - without waiver
K	6	Non-federal sources - with waiver
O	6	Military Assistance Program (MAP)
P	6	Leave and holiday

Note. RESR-TY-FIN-CD of 2 indicates a funded order and 6 indicates an automatic order.

    a. Cost Add-on Input to System ID 1933. Costs (expenses) are passed from System IDs 1902, 1903, 1904, 1908, 1909, 1916, 1923, 1928, and 1931. Information such as MGR-RESR-REF-NO, JO-NO, EOR, PROC-CD, ACT-AMT, HRS and APPL-CD are passed whenever the RESR-TY-FIN-CD equals 2 or 6 and the REIMB-PROC-CD equals B, D, E, G, H, J, K, O, or P, and the EOR contains specific values. The EORs passed are those where:

> positions 1 and 2 equal 11, 14, or 16 and
> position 3 equals B, G, H, J, or L
>   and
> positions 1 and 2 equal 12, 15, or 17 and
> position 3 equals K, L, N, Q, X, or Y.

(1) System IDs 1902 and 1908 pass records for both the bi-weekly payroll and the reversal records from the prior accrual process. System IDs 1903, 1909, and 1931 pass all applicable reimbursable expense records.

(2) System ID 1916 passes records for only manual transactions where a labor EOR can be entered. These TRNS-CDs are 347, 557, 625, 626, 628, 642, and generated TRNS-CD 539.

(3) System ID 1923 passes records for the transferred from and transferred to entry data.

(4) System ID 1928 passes records for the offset job order.

b. Unfunded Cost Input to System ID 1933. Unfunded military costs are passed from System ID 1904. Information such as MGR-RESR-REF-NO, JO-NO, EOR, PROC-CD, ACT-AMT, RANK, and APPL-CD are passed whenever the RESR-TY-FIN-CD equals 2 or 6 and the REIMB-PROC-CD equals D, E, G, H, J, or K.

c. File Validation. All records passed to System ID 1933 are summarized, since the input data may contain the same key values or have been accumulating during the month. Before costs are calculated and applied, the incoming data will be validated against the S2K.FUND file to determine if the information is still valid or has changed before this process was scheduled. If differences are found, then cost add-ons may not be performed for some records. Error codes are assigned and the invalid data will appear on the rejected transactions report that will be produced from this process. Error codes and invalid conditions that may be assigned for each incoming record are as follows:

Error Code	Condition
09	JO-NO not found in S2K.FUND file. No add-on costing performed for this record.
10	SB-JO-NO (switchblock JO-NO) related to incoming JO-NO no longer existed in the S2K.FUND file. Therefore, no add-on costing could be performed for the credit side. However, add-on costing was performed for the incoming JO-NO.
11	No descendant reimbursable record was found. Record was bypassed and no add-on costing was performed.
12	REIMB-PROC-CD passed to System ID 1933 was not the same REIMB-PROC-CD that existed in the S2K.FUND file at the time add-on costing was performed. If the file REIMB-PROC-CD equaled A, F, or M, then no add-on costing was performed; otherwise, add-on costing was performed based on the file REIMB-PROC-CD.

d. Add-on Costs. The add-on cost calculations are performed by type of EOR. As mentioned above, like data are summarized before calculations are performed. The summarization process adds hours and dollars by type of EOR (that is full-time permanent civilian pay, temporary part-time and intermittent civilian pay, and part-time and intermittent civilian pay) and type of employee (that is, general schedule (GS), wage grade (WG), general merit (GM), and senior executive service (SES)). This result is multiplied by percentages contained in the billing rate record of SOMARATE. The percentages used are: LV-HOL-PCT, OTH-BENE-PCT, HEALTH-INS-PCT, MDCR-PCT, and FND-CIV-RETRMNT-PCT.

(1) For leave/holiday add-ons, the summarized dollars for total civilian labor by specific employee type are multiplied by the LV-HOL-PCT located in the billing rate record of SOMARATE. The summarized hours are also multiplied by the LV-HOL-PCT.

(2) For fringe benefit add-ons, the summarized dollars for total civilian labor by specific employee type are multiplied by the appropriate percentage for a specific type of fringe benefit. Fringe benefit EORs passed to this process are other benefits, health insurance, Medicare, and funded civilian retirement. Funded civilian retirement is further broken out by CSRS, FERS, and TSP.

(a) Fringe benefit calculations are more complicated; because, after the estimated fringe cost is determined, the actual fringe cost is subtracted so that the add-on charge does not exceed the total estimated cost. The following is an example for health insurance for a wage grade employee:

total civilian labor for wage grade = $25,000

health insurance = .10

actual wage grade health insurance = $2,000

   $25,000 times .10 = $2,500 (resultant estimated cost)

   $2,500 minus $2,000 = $500

wage grade health insurance add-on = $500

Note. If the actual cost was greater than the estimated cost, the add-on would result in a credit to that job order.

(b) When the process performs the funded civilian retirement calculation, the result is prorated to each retirement type and the actual retirement costs for each type are subtracted just as is done above. Any difference found in the sum of the prorated costs is applied to the civil service retirement EOR.

e. Unfunded Costs. The processing of REIMB-PROC-CDs D, E, G, H, J, K, and O may result in the cost calculation of two to five different unfunded bill amounts. Unfunded costs are computed for unfunded civilian retirement, military labor officer, military labor enlisted, military benefit, and asset use. Several of the calculated unfunded bill amounts include military leave and holiday for officer and enlisted, and unfunded military labor. Total civilian labor expenses and military pay costs are used in determining the actual unfunded cost applicable to the customer order.

(1) Certain elements from the S2K.FUND reimbursable unfunded record are required to perform unfunded cost calculations. These elements are: UNFND-CEIL-CFI, UNFND-CIV-RET-TO-BE-BILL, MIL-LBR-OFC-TO-BE-BILL, MIL-LBR-ENL-TO-BE-BILL, MIL-UNFND-BEN-TO-BE-BILL, and AST-USE-TO-BE-BILL. The unfunded ceiling is used to ensure that unfunded costs do not exceed a predetermined ceiling amount. The ceiling must be recorded in the file for the costs to be included in the customer bill amount. If the ceiling is not recorded or if the ceiling is recorded but not sufficient to cover the costs, the excess cost amount is moved to the to be billed fields in the file. These to be billed fields are included in the next cycle's calculation and will be billed as long as the ceiling has been increased to cover the amounts.

(2) The SOMARATE billing rate record must be updated with valid rates for the unfunded costs to be computed accurately. The rates extracted are: LV-HOL-PCT, FND-CIV-RETRMNT-PCT, HEALTH-INS-PCT, MDCR-PCT, OTH-BENE-PCT, UNFND-CIV-RETRMNT-PCT, AST-USE-PCT, MIL-LV-HOL-OFC-PCT, MIL-LV-HOL-ENL-PCT, MIL-OTH-BENE-OFC-PCT, MIL-OTH-BENE-ENL-PCT, UNFND-MIL-LBR-PCT, and UML-OTH-BENE-PCT. If any percentage in the billing rate record is zero, the process will bypass the calculation and continue processing.

f. Types of Add-on and Unfunded Costs by REIMB-PROC-CD. This table provides a breakout, by REIMB-PROC-CD, of the type of add-on charges that are updated to the S2K.FUND file and the type of unfunded charges that are calculated and are charged, if sufficient unfunded ceiling is available in the S2K.FUND file.

REIMB-PROC-CD	Add-on Charges	Unfunded Charges
B	leave and holiday fringe benefits	none
D	leave and holiday fringe benefits	unfunded civilian retirement military labor officer (type 1) military labor enlisted (type 1) military benefits (type 1)
E	leave and holiday fringe benefits	military labor officer (type 3) military labor enlisted (type 3) military benefits (type 3)
G	leave and holiday fringe benefits	unfunded civilian retirement military labor officer (type 3) military labor enlisted (type 3) military benefits (type 3)
H	leave and holiday fringe benefits	unfunded civilian retirement military labor officer (type 3) military labor enlisted (type 3) military benefits (type 3) asset use (type 3)
J	leave and holiday fringe benefits	unfunded civilian retirement military labor officer (type 2) military labor enlisted (type 2) military benefits (type 2) asset use (type 2)
K	leave and holiday fringe benefits	unfunded civilian retirement military labor officer (type 2) military labor enlisted (type 2) military benefits (type 2)
O	leave and holiday fringe benefits	unfunded civilian retirement asset use (type 1)
P	leave and holiday	none

Note 1. The total civilian labor expenses for regular work are used in the calculations for the add-on charges. This value determines the appropriate add-on charges for leave and holiday based on an LV-HOL-PCT. This same value determines fringe benefit charges for funded civilian retirement using an FND-CIV-RETRMNT-PCT, health insurance using a HEALTH-INS-PCT, Medicare using a MDCR-PCT, and other benefits using an OTH-BENE-PCT. All of these percentages are located in the SOMARATE billing rate record. Actual calculations are shown below.

Note 2. The difference between types 1, 2, and 3 are: type 1 does not include additional charges for either military leave and holiday or unfunded military labor in the calculations; type 2 includes only military leave and holiday in the calculations; and type 3 includes both military leave and holiday and unfunded military labor in the calculations. Actual calculations are shown below.

g. Add-on Cost Calculations.

(1) The calculations for the add-on charges and supporting calculations are as follows

Add-on Charge	Calculation
civilian leave and holiday	total civilian labor times LV-HOL-PCT
civilian fringe benefits	total civilian labor + civilian leave and holiday times FND-CIV-RETRMNT-PCT + total civilian labor + civilian leave and holiday times HEALTH-INS-PCT + total civilian labor + civilian leave and holiday times MDCR-PCT + total civilian labor + civilian leave and holiday times OTH-BENE-PCT

Supporting Calculations		Calculation
total civilian labor	=	sum of ACT-AMT by MGR-RESR-REF-NO for base pay EORs excluding fringe benefits and non-labor EORs (for example, 11B* + 11G* + 11H* + 11J* + 11L* or 14B*+ 14G* + 14H* + 14J* + 14L* or 16B* + 16G*+ 16H* + 16J* + 16L*)

(2) The calculations for the adjustment to fringe benefits are as follows:

Fringe Benefit		Calculation
funded civilian retirement	=	total civilian labor + civilian leave and holiday times FND-CIV-RETRMNT-PCT minus the sum of the ACT-AMT for the appropriate retirement system (that is, CSRS, FERS and TSP) EORs 12L* + 12X* + 12Y* or 15L* + 15X* + 15Y* or 17L* + 17X* + 17Y*
health insurance	=	total civilian labor + civilian leave and holiday times HEALTH-INS-PCT minus the ACT-AMT for health insurance EOR 12N* or 15N* or 17N*
Medicare	=	total civilian labor + civilian leave and holiday times MDCR-PCT minus the ACT-AMT for Medicare EOR 12Q* or 15Q* or 17Q*
other benefits	=	total civilian labor + civilian leave and holiday times OTH-BENE-PCT minus the ACT-AMT for other benefits EOR 12K* or 15K* or 17K*

h. Unfunded Cost Calculations. The calculations for the various unfunded bill amounts and the supporting calculations are as follows:

Unfunded Bill Amount		Calculation
Unfunded civilian retirement	=	total civilian labor + civilian leave and holiday times UNFND-CIV-RETRMNT-PCT + UNFND-CIV-RET-TO-BE-BILL
Military labor officer (type 1)	=	military labor officer ACT-AMT + MIL-LBR-OFC-TO-BE-BILL
Military labor officer (type 2)	=	military labor officer ACT-AMT + military leave and holiday officer + MIL-LBR-OFC-TO-BE-BILL
Military labor officer (type 3)	=	military labor officer ACT-AMT + military leave and holiday officer + unfunded military labor officer + MIL-LBR-OFC-TO-BE-BILL
Military labor enlisted (type 1)	=	military labor enlisted ACT-AMT + MIL-LBR-ENL-TO-BE-BILL
Military labor enlisted (type 2)	=	military labor enlisted ACT-AMT + military leave and holiday enlisted + MIL-LBR-ENL-TO-BE-BILL
Military labor enlisted (type 3)	=	military labor enlisted ACT-AMT + military leave and holiday enlisted + unfunded military labor enlisted + MIL-LBR-ENL-TO-BE-BILL
Military benefit (type 1)	=	military benefit officer (type 1) + military benefit enlisted (type 1) + MIL-UNFND-BEN-TO-BE-BILL
Military benefit (type 2)	=	military benefit officer (type 2) + military benefit enlisted (type 2) + MIL-UNFND-BEN-TO-BE-BILL
Military benefit (type 3)	=	military benefit officer (type 3) + military benefit enlisted (type 3) + unfunded military benefit + MIL-UNFND-BEN-TO-BE-BILL
Asset use (type 1)	=	total civilian labor + civilian leave and holiday + civilian fringe benefits + unfunded civilian retirement times AST-USE-PCT + AST-USE-TO-BE-BILL

Unfunded Bill Amount		**Calculation**
Asset use (type 2)	=	total civilian labor + civilian leave and holiday + civilian fringe benefits + unfunded civilian retirement + military labor officer ACT-AMT + military labor enlisted ACT-AMT + military leave and holiday officer + military leave and holiday enlisted + military benefit officer (type 3) + military benefit enlisted (type 3) times AST-USE-PCT + AST-USE-TO-BE-BILL
Asset use (type 3)	=	total civilian labor + civilian leave and holiday + civilian fringe benefits + unfunded civilian retirement + military labor officer ACT-AMT + military labor enlisted ACT-AMT + military leave and holiday officer + military leave and holiday enlisted + military benefit officer (type 3) + military benefit enlisted (type 3) + unfunded military labor times AST-USE-PCT + AST-USE-TO-BE-BILL

Supporting Calculations		**Calculation**
Military leave and holiday officer	=	military labor officer ACT-AMT times MIL-LV-HOL-OFC-PCT
Unfunded military labor officer	=	unfunded military labor times UML-MIL-LBR-OFC-PCT
Military leave and holiday enlisted	=	military labor enlisted ACT-AMT times MIL-LV-HOL-ENL-PCT
Unfunded military labor enlisted	=	unfunded military labor times UML-MIL-LBR-ENL-PCT
Military benefit officer (type 1)	=	military labor officer ACT-AMT times MIL-OTH-BENE-OFC-PCT
Military benefit officer (type 2)	=	military labor officer ACT-AMT + military leave and holiday officer times MIL-OTH-BENE-OFC-PCT
Military benefit officer (type 3)	=	military labor officer ACT-AMT + military leave and holiday officer + unfunded military labor officer times MIL-OTH-BENE-OFC-PCT
Military benefit enlisted (type 1)	=	military labor enlisted ACT-AMT times MIL-OTH-BENE-ENL-PCT

Supporting Calculations		Calculation
Military benefit enlisted (type 2)	=	military labor enlisted ACT-AMT + military leave and holiday enlisted times MIL-OTH-BENE-ENL-PCT
Military benefit enlisted (type 3)	=	military labor enlisted ACT-AMT + military leave and holiday enlisted + unfunded military labor enlisted times MIL-OTH-BENE-ENL-PCT
Unfunded military labor	=	total civilian labor + civilian leave and holiday + civilian fringe benefits + military labor officer ACT-AMT + military labor enlisted ACT-AMT + military leave and holiday officer + military leave and holiday enlisted + military benefit officer (type 2) + military benefit enlisted (type 2) times UNFND-MIL-LBR-PCT
Unfunded military benefit	=	unfunded military labor times UML-OTH-BENE-PCT

   i Generated Transactions for Cost Add-ons. The results of each cost add-on and unfunded cost calculation are immediately updated to the S2K.FUND file. The update of a cost add-on generates a commit, obligate, expense, and disburse by us (TRNS-CD 621). The reimbursable job order that receives add-on costs is normally posted with positive hours and dollars. The SB-JO-NO is normally posted with negative hours and dollars. When calculating for the SB-JO-NO, the process always multiplies the resultant value by a negative 1. These transactions are based on the type of civilian employee (GS, WG, SES, or merit pay). The proper EOR (EOR) is updated, based on this result.

   (1) Following are the TRANS-IMAGE and the system assigned values for the generated TRNS-CD 621:

ELEMENT	PIC	POSITION	VALUE ASSIGNED
CMD-DSG	X(01)	1	S2K.FUND RESR-CMD-DSG.
TRNS-CD	X(03)	2-4	621.
PROC-ACT-CD	X(01)	5	2.
INP-ACT-CD	X(06)	6-11	Normally assigned I00000. If the job order is frozen (JO-FRZ-CD equals two or three) the process will continue and move the JO-FRZ-CD to the last position of the INP-ACT-CD. See note below.

ELEMENT	PIC	POSITION	VALUE ASSIGNED
BLK-TKT-NO	X(07)	12-18	BILCYCL.
BLK-TKT-DT	X(08)	19-26	System date (CCYYMMDD).
UPDT-CD	X(02)	27-28	CM.
JO-NO	X(06)	29-34	JO-NO for reimbursable record. SB-JO-NO for direct army record.
EOR	X(04)	35-38	See EOR and TY-HRS assignment below.
COMT-REF-NO	X(14)	39-52	SB + JO-NO + assigned EOR for REIMB JO-NO. SB + SB-JO-NO + assigned EOR for SB-JO-NO.
OBLG-REF-NO	X(14)	53-66	SB + JO-NO + assigned EOR for REIMB JO-NO. SB + SB-JO-NO + assigned EOR for SB-JO-NO.
COST-CEN-MGR	X(06)	67-72	JO-NO-COST-CEN-MGR for the REIMB JO-NO and SB-JO-NO.
DOCU-DT	X(08)	73-80	System date (CCYYMMDD).
ACT-AMT	S9(10)V99	81-92	Computed cost add-on amount.
WI-FED-GOVT-CD	X(01)	93	F (within government) when positions 1 and 2 of EOR equal 12, 15, or 17. Otherwise assigned O (other public).
DOV-NO	X(06)	94-99	SWITCH.
DSSN	X(04)	100-103	SOMAUNIQ file CMD-DSSN .
DELMARS-XMIT-NO	X(02)	104-105	Spaces.
EMPL-NAME	X(27)	106-132	SWITCH BLOCK.
SSAN	X(09)	133-141	Positions 1 through 8 equal 99999999 and position 9 equals RESR-CMD-DSG.
PAY-PD-END-DT	X(08)	142-149	SOMAUNIQ file END-PD-DT (CCYYMMDD).
PR-CON-NO	X(02)	150-151	99.

ELEMENT	PIC	POSITION	VALUE ASSIGNED
TY-HRS	X(02)	152-153	See EOR and TY-HRS assignment below.
HRS	S9(06)V99	154-161	Computed amount when position 1 and 2 of EOR equals 11, 14, or 16.
UNITS	S9(05)	162-166	00000.
OBLG-STAT-CD	X(01)	167	2.
DISB-FIN-PRT-CD	X(01)	168	F.
DISB-COUNTRY-CD	X(02)	169-170	Spaces.
JV-NO	X(06)	171-176	Spaces.
OBLG-TY-CD	X(01)	177	L.
NOMENCLATURE	X(35)	178-212	Spaces.
LBR-PAY-PD-NO	X(14)	213-226	Spaces.
SUB-JO-NO	X(08)	227-234	Spaces.
IFS-DOCU-NO	X(18)	235-252	Spaces.
TASK-CD	X(05)	253-257	Spaces.
PROD-IND	X(01)	258	N.
FILLER	X(42)	259-300	Spaces.

Note. The updates that have occurred to frozen job orders will be reported in SOMARDS Transactions Processed Against Frozen JO-NO Records (PCN B67AXXL014D).

(2) The EOR and TY-HRS assigned to the transactions depends on the type of calculation performed above. The table below provides all the EORs and TY-HRS used and assigned in this process.

(a) For leave/holiday:

Type	Series	EOR	TY-HRS
WG	11XX	11BC	0A
SES	11XX	11BF	0A
GM	11XX	11BG	0A
GS	11XX	11BB	0A
WG	14XX	14BC	0A
GS	14XX	14BB	0A
WG	16XX	16BC	0A
GS	16XX	16BB	0A

(b) For fringe benefits:

Fringe	Type	EOR	TY-HRS
Other benefits	WG	12KC, 15KC or 17KC	0N
	SES	12KF	0N
	GM	12KG	0N
	GS	12KB, 15KB or 17KB	0N
Health insurance	WG	12NC, 15NC or 17NC	0P
	SES	12NF	0P
	GM	12NG	0P
	GS	12NB, 15NB or 17NB	0P
Medicare	WG	12QC, 15QC or 17QC	0U
	SES	12QF	0U
	GM	12QG	0U
	GS	12QB, 15QB or 17QB	0U
CSRS	WG	12LC, 15LC or 17LC	0J
	SES	12LF	0J
	GM	12LG	0J
	GS	12LB, 15LB or 17LB	0J
FERS	WG	12XC, 15XC or 17XC	0M
	SES	12XF	0M
	GM	12XG	0M
	GS	12XB, 15XB or 17XB	0M
TSP	WG	12YC, 15YC or 17YC	0Y
	SES	12YF	0Y
	GM	12YG	0Y
	GS	12YB, 15YB or 17YB	0Y

(3) Whenever TRNS-CD 621 is generated, a transaction is generated for DELMARS File ID DAKHAKF04 and System ID 1911 for subsequent update to the SOMALBRD file (File ID RAKHBNB01).

(a) Following are the TRANS-IMAGE and the system assigned values for the transaction generated for File ID DAKHAKF04:

ELEMENT	PIC	POSITION	VALUE ASSIGNED
CMD-DSG	X(01)	1	S2K.FUND RESR-CMD-DSG.
REIMB-DSG	X(01)	2	0.
OP-AGCY	X(02)	3-4	S2K.FUND OP-AGCY.
APROP-SYM	X(04)	5-8	S2K.FUND APROP-SYM.

ELEMENT	PIC	POSITION	VALUE ASSIGNED
LIMIT	X(04)	9-12	S2K.FUND LIMIT.
PROG-YR	X(04)	13-16	S2K.FUND RESR-PROG-YR.
REIMB-SRC-CD	X(03)	17-19	Spaces.
ALOT	X(04)	20-23	S2K.FUND ALOT.
AMS-CD	X(11)	24-34	S2K.FUND JO-MON-AMS-REPT-LVL.
REC-TY	X(01)	35	4.
FDRI	X(03)	36-38	33A when positions 1 and 2 of EOR equal 12, 15, or 17. Otherwise assigned 33G.
DSSN	X(04)	39-42	SOMAUNIQ CMD-DSSN.
BILL-NO	X(06)	43-48	Spaces.
DELMARS-XMIT-NO	X(02)	49-50	Spaces.
ACT-AMT	S9(10)V99	51-62	TRNS-CD 621 ACT-AMT.
DEPT-CD	X(02)	63-64	S2K.FUND RESR-DEPT-CD.
FISC-STA-NO	X(06)	65-70	S2K.FUND RESR-FISC-STA-NO.
BILLED-DODAAC	X(06)	71-76	Spaces.
BILLING-DODAAC	X(06)	77-82	Spaces.
BLK-TIKT-DT	X(08)	83-90	System date (CCYYMMDD).
BLK-TIKT-NO	X(07)	91-97	BILCYCL.
DOV-NO	X(06)	98-103	SWITCH.
EOR	X(04)	104-107	TRNS-CD 621 EOR.
DISB-COUNTRY-CD	X(02)	108-109	Spaces.
UPDT-CD	X(02)	110-111	CM.
TRNS-CD	X(03)	112-114	621.
ORIG-PROG-YR	X(04)	115-118	S2K.FUND ORIG-PROG-YR if S2K.FUND PROG-YR equals CC. Otherwise assigned spaces.
CANCELED-IND	X(01)	119	0.

(b) Following are the TRANS-IMAGE and the system assigned values for the transaction generated for File ID RAKHBNB01:

ELEMENT	PIC	POSITION	VALUE ASSIGNED
CMD-DSG	X(01)	1	S2K.FUND RESR-CMD-DSG.
TRNS-CD	X(03)	2-4	621.
ACT-AMT	S9(11)V99	5-17	TRNS-CD 621 ACT-AMT.
DOCU-DT	X(08)	18-25	System date (CCYYMMDD).
EMPL-NAME	X(27)	26-52	SWITCH BLOCK.
SSAN	X(09)	53-61	Positions 1 through 8 equal 99999999. Position 9 equals RESR-CMD-DSG.
PR-CON-NO	X(02)	62-63	99.
PAY-PD-END-DT	X(08)	64-71	SOMAUNIQ file END-PD-DT (CCYYMMDD).
TY-HRS	X(02)	72-73	TRNS-CD 621 TY-HRS.
HRS	S9(06)V99	74-81	TRNS-CD 621 HRS.
UNITS	S9(05)	82-86	00000.
JO-NO	X(06)	87-92	TRNS-CD 621 JO-NO.
ASSIGNED-CCM	X(06)	93-98	TRNS-CD 621 COST-CEN-MGR.
EOR	X(04)	99-102	TRNS-CD 621 EOR.
MGR-RESR-REF-NO	X(15)	103-117	S2K.FUND MGR-RESR-REF-NO.
SUB-JO-NO	X(08)	118-125	Spaces.
IFS-DOCU-NO	X(18)	126-143	Spaces.
TASK-CD	X(05)	144-148	Spaces.

(4) When either the reimbursable JO-NO or SB-JO-NO is related to a bulk JO-NO and a descendant commitment record exists, TRNS-CD 320 is generated to modify the commitment value related to the bulk JO-NO. The bulk decommitment process in System ID 1933 is performed the same way as it is performed in System IDs 1902, 1903, 1908, 1909, and 1923.

(a) Bulk decommitment will not be performed when the following conditions are true:

the JO-COMT-REF-NO does not exist.

the JO-COMT-REF-NO exists, but the related bulk commitment does not.

the JO-COMT-REF-NO and bulk commitment exist, but the COMT-CFI value equals zero.

(b) The COMT-CFI is never reduced to below zero. In some cases, the bulk commitment COMT-CFI value is not large enough for all the detail JO-NOs that are processed. When this occurs, TRNS-CD 320 is generated down to zero and the ACT-AMT will reflect the amount that was actually processed.

(c) Following are the TRANS-IMAGE and the system assigned values for the generated TRNS-CD 320:

ELEMENT	PIC	POSITION	VALUE ASSIGNED
CMD-DSG	X(01)	1	S2K.FUND RESR-CMD-DSG.
TRNS-CD	X(03)	2-4	320.
PROC-ACT-CD	X(01)	5	2.
INP-ACT-CD	X(06)	6-11	Normally assigned I00000. If the job order is frozen (JO-FRZ-CD equals two or three) the process will continue and move the JO-FRZ-CD to the last position of the INP-ACT-CD. See note below.
BLK-TKT-NO	X(07)	12-18	BILCYCL.
BLK-TKT-DT	X(08)	19-26	System date (CCYYMMDD).
UPDT-CD	X(02)	27-28	CM.
JO-NO	X(06)	29-34	BULK-JO-NO for the REIMB JO-NO and SB-JO-NO.
COMT-REF-NO	X(14)	35-48	JO-COMT-REF-NO for the REIMB JO-NO and SB-JO-NO.
DOCU-DT	X(08)	49-56	System date (CCYYMMDD).
COMT-ADJ-AMT	S9(10)V99	57-68	Computed amount.
JV-NO	X(06)	69-74	Spaces.
SUB-JO-NO	X(08)	75-82	Spaces.
COST-CEN-MGR	X(06)	83-88	Spaces.
FILLER	X(212)	89-300	Spaces.

j. Generated Transactions for Unfunded Costs. The results of each unfunded cost calculation are immediately updated to the S2K.FUND file. The update of an unfunded cost generates a miscellaneous additional cost transaction (TRNS-CD 776) and a transaction for routing to System ID 1934 for inclusion on the hardcopy 1080 bill (File ID RAKHEHB02).

(1) Following are the TRANS-IMAGE and the system assigned values for the generated TRNS-CD 776:

ELEMENT	PIC	POSITION	VALUE ASSIGNED
CMD-DSG	X(01)	1	S2K.FUND RESR-CMD-DSG.
TRNS-CD	X(03)	2-4	776.
PROC-ACT-CD	X(01)	5	2.
INP-ACT-CD	X(06)	6-11	Normally assigned I00000. If the job order is frozen (JO-FRZ-CD equals two or three) the process will continue and move the JO-FRZ-CD to the last position of the INP-ACT-CD. See note below.
BLK-TKT-NO	X(07)	12-18	BILCYCL.
BLK-TKT-DT	X(08)	19-26	System date (CCYYMMDD).
UPDT-CD	X(02)	27-28	CM.
MGR-RESR-REF-NO	X(15)	29-43	S2K.FUND MGR-RESR-REF-NO.
DOCU-DT	X(08)	44-51	System date (CCYYMMDD).
ACT-AMT	S9(10)V99	52-63	Computed unfunded cost amount.
REIMB-CUST-0RD-NO	X(15)	64-78	S2K.FUND REIMB-CUST-ORD-NO.
MISC-ADD-COST-CD	X(01)	79	See miscellaneous cost code assignment below.
FILLER	X(221)	80-300	Spaces.

(2) The miscellaneous add cost codes are assigned based on the results of the unfunded cost calculation, the available ceiling, and the element that is updated in the S2K.FUND FC-REIMB-UNFND-RECORD. Only one element is updated by each transaction. These are as follows:

Element	MISC-ADD-COST-CD
UNFND-CIV-RET-CFI	A
MIL-UNFND-BENE-CFI	B
UNFND-CIV-RET-TO-BE-BILL	C
MIL-UNFND-BEN-TO-BE-BILL	D
MIL-LBR-OFC-TO-BE-BILL	E
MIL-LBR-ENL-TO-BE-BILL	F
AST-USE	G
AST-USE-TO-BE-BILL	H

(3) Following are the TRANS-IMAGE and the system assigned values for the generated transaction for File ID RAKHEHB02:

ELEMENT	PIC	POSITION	VALUE ASSIGNED
CMD-DSG	X(01)	1	S2K.FUND RESR-CMD-DSG.
MGR-RESR-REF-NO	X(15)	2-16	S2K.FUND MGR-RESR-REF-NO.
MIL-BENE	S9(09)V99	17-27	Computed amount.
MIL-LBR-ENL	S9(09)V99	28-38	Computed amount.
MIL-LBR-OFC	S9(09)V99	39-49	Computed amount.
UNFND-CIV-RET	S9(09)V99	50-60	Computed amount.
ASSET-USE	S9(09)V99	61-71	Computed amount.

k. S2K.FUND File Updates. The S2K.FUND file updates for the generated TRNS-CDs 320 and 621 are contained in ADSM 18-C99-JAW-ZZZ-UM-02. The following table displays how the S2K.FUND file is updated for the generated TRNS-CD 776:

S2K.FUND REIMB UNFND RECORD
ELEMENTS UPDATED

MIL-LBR-OFC-CFI
MIL-LBR-OFC-CRM
MIL-LBR-OFC-ENL-CFI
MIL-LBR-OFC-ENL-CRM
MIL-UNFND-BENE-CFI
UNFND-CIV-RET-CFI
MIL-LBR-OFC-TO-BE-BILL
MIL-LBR-ENL-TO-BE-BILL
MIL-UNFND-BEN-TO-BE-BILL
UNFND-CIV-RET-TO-BE-BILL
AST-USE
AST-USE-TO-BE-BILL
UNFND-SYS-DT-LST

l. Generated File ID Output. The transactions generated in this process are passed to various other output File IDs for further processing and will appear on various output reports.

(1) All generated TRNS-CDs 320, 621, and 776 are passed to the valid/invalid DTR transaction File ID and will appear on the daily transaction register.

(2) All generated TRNS-CDs 621 are passed to the daily labor cost transfer transaction File ID for subsequent update to the SOMALBRD file and will appear on output reports produced by System ID 1911.

(3) All generated TRNS-CDs 621 are passed to the daily DELMARS transaction File ID for subsequent DELMARS reporting.

(4) The unfunded charges are passed to System ID 1934 and will be added to the total bill amount and will appear as a separate line on the 1080 bill continuation sheet.

m. Reports. The process produces two output reports.

(1) Memo Unfunded Cost, PCN B67AXXG164R. This report is produced when the REIMB-PROC-CD equals D, E, G, H, J, K, or O. It provides data on the amount of unfunded costs computed by category that have been processed against the reimbursable customer order identified on the report. Totals are provided by customer order number for each category.

(2) Rejected Transaction Report, PCN B67AXXL054R. This report is produced for all REIMB-PROC-CDs. It provides user personnel with labor error conditions encountered for each labor System ID process and the corrective action taken to continue processing. It indicates, by error code, labor records created and transactions modified, bypassed, and not processed. Page 1 of the report contains each error code with an explanation. This report is also produced by System IDs 1902, 1903, 1904, 1908, 1909, 1923, 1955, and 1973.

3.2.3.31 System ID 1934, Bill Cycle. SOMARDS provides for an automated billing process that can be scheduled on an as-required basis. This process uses expense data from the on-line and batch processes previously updated in the S2K accounting files. One hardcopy bill is produced for each customer address and BILL-TY and may contain billing data for many customer orders. The need for a customer bill results in an immediate update of earn, bill, and advances used elements in the S2K.FUND file.

a. The REIMB-PROC-CDs applicable to the automated bill cycle process are:

REIMB-PROC-CD	RESR-TY-FIN-CD	Description
A	2 or 6	Regular reimbursable order
B	2 or 6	Other DOD
D	2 or 6	Other costs
E	6	Other non-DOD government agencies
F	2 or 6	Forestry, agriculture/grazing
G	6	FMS direct cite - with waiver
H	6	FMS direct cite - without waiver
J	6	Non-federal sources - without waiver
K	6	Non-federal sources - with waiver
O	6	MAP
P	6	Leave and holiday

b. REIMB-PROC-CD F is unique.

(1) No hardcopy bill is produced.

(2) The bill number assigned during the process is always FUNDED (when TY-FIN-CD equals 2) or TRAUTO (when TY-FIN-CD equals 6).

* (3) TRNS-CD 773 (when TY-FIN-CD equals 2) or 772 (when TY-FIN-CD equals 6) is generated to transfer the collection from the receipt account.

* (4) Since the collection is actually recorded on the S2K.FUND file at this time and no disbursement transaction is appropriate, the SOMABILC file is never updated. For this REIMB-PROC-CD, the only purpose for the BILL-TY is to ensure that the manager is selected for processing. Any valid BILL-TY can be used (C, E, I, P, or S) to ensure selection for processing. The actual processing and generation of earn/bill/collection transfer transactions will always be the same.

c. The bill types processed are C (external bill, automated collection), E (external bill), I (internal bill), S (SOMARDS remote site), and P (bill to public). For BILL-TY of C, I, and S, information to produce subsequent disbursement and collection transactions are updated to the SOMABILC file. BILL-TY of C will result in a collection only type transaction. BILL-TY of S will also result in a collection only type transaction; however, the SOMABILC header and detail record will be sent to a remote SOMARDS site where the corresponding disbursement transaction will then be generated.

d. File Extract Logic. The process locates all records in the S2K.FUND file where the TY-FIN-CD equals 2 or 6; RESR-REIMB-CUST-ORD-NO does not equal MULTIPLE; RESR-EXP-CFI and REIMB-BILL-CFI do not equal zero; REIMB-PROC-CD equals A, B, D, E, F, G, H, J, K, O or P; and BILL-TY equals C, E, I, P, or S.

e. Computation of the Bill. For each manager resource record extracted that meets the criteria above, the bill action amount (BILL-ACT-AMT) is computed as follows:

Computed Step 1 = (RESR-EXP-CFI minus RESR-EXP-NM) minus (REIMB-BILL-CFI minus REIMB-BILL-NM)

Computed Step 2 = (ORD-REC-CFI minus ORD-REC-NM) minus (RESR-EXP-CFI minus RESR-EXP-NM)

Computed Step 3 = (ORD-REC-CFI minus ORD-REC-NM) minus (REIMB-BILL-CFI minus REIMB-BILL-NM)

Note. When the computed step 2 is greater than zero, then the value of computed step 1 is used as the BILL-ACT-AMT. When the computed step 2 is equal to or less than zero, the computed step 3 is used as the BILL-ACT-AMT.

(1) When the computed step 3 is used as the BILL-ACT-AMT, a cost overrun may have occurred and should be reported to the user on the cost overrun report. To determine the cost overrun amount that should appear on the report, the process performs this calculation.

Overrun = (RESR-EXP-CFI minus RESR-EXP-NM) minus (ORD-REC-CFI minus ORD-REC-NM)

Note. If the result is greater than zero, then the orders value was not sufficient to cover the bill. The insufficient amount will be reported on the cost overrun report. The order received value must be increased for that amount to be billed in the next bill cycle.

(2) The bill amount displayed on the hardcopy bill will be adjusted for unearned revenue. When the REIMB-PROC-CD equals A, B, F, or P, then the BILL-ACT-AMT computed above (adjusted for any unearned revenue applied) will equal the bill amount on the hardcopy bill. However, when the REIMB-PROC-CD equals D, E, G, H, J, K, or O, then unfunded costs from System ID 1933 are added to the BILL-ACT-AMT (which has been adjusted for any unearned revenue applied) and that result will appear on the hardcopy 1080 bill. If the process determined that there are no current BILL-ACT-AMTs for this cycle but unfunded costs are reportable, then only the unfunded cost values are reported on the hardcopy 1080 bill.

f. Computation of Advances Used. When REIMB-ADV-REC-CFI is greater than zero, the advances used action amount (ADV-USED-ACT-AMT) is computed as follows and depending upon file conditions, the OPEN-BILLED-RECORD may or may not be inserted:

(1) When REIMB-ADV-REC-CFI equals ORD-REC-CFI, then the ADV-USED-ACT-AMT equals the computed EARN or EARN/BILL-ACT-AMT and no OPEN-BILLED-RECORD will be inserted.

(2) When REIMB-ADV-REC-CFI is less than ORD-REC-CFI, the process computes the amount of unearned revenue available for this billing cycle ((REIMB-ADV-REC-CFI minus REIMB-ADV-REC-NM) minus (REIMB-ADV-USED-CFI minus REIMB-ADV-USED-NM)).

(a) When unearned revenue and the computed EARN or EARN/BILL-ACT-AMT are greater than zero.

[1] If the unearned revenue is greater than or equal to the computed EARN or EARN/BILL-ACT-AMT, then the ADV-USED-ACT-AMT equals the computed EARN or EARN/BILL-ACT-AMT and no OPEN-BILLED-RECORD will be inserted.

[2] If the unearned revenue is less than the computed EARN or EARN/BILL-ACT-AMT, then the ADV-USED-ACT-AMT equals the computed unearned revenue and an OPEN-BILLED-RECORD will be inserted for the difference.

(b) When the computed EARN or EARN/BILL-ACT-AMT is less than zero, the process analyzes the relationship between the updated earn value in the S2K.FUND file and the advances used file value to determine if advances used needs to be updated.

(c) Whenever advances used are updated to the file, the process will generate two records for the DELMARS (File ID DAKHAKF04) for subsequent processing by System ID 1919. These DELMARS transactions will transfer the collection from the advance account to the correct AMS account.

g. Assignment of the Bill Number. The bill number is assigned sequentially for the cycle. The SYS-SF-1080-BILL-NO, SYS-END-PRD-DT, and SYS-MON-CD are extracted from the SOMAUNIQ file to determine if the existing SYS-SF-1080-BILL-NO can be used or if a new value must be constructed.

(1) When positions 1 through 3 of the SYS-SF-1080-BILL-NO equal position 4 of the SYS-END-PRD-DT plus the SYS-MON-CD (converted to a numeric value), then the extracted SYS-SF-1080-BILL-NO is used as the first bill number for the cycle. However, if they do not equal, then a new bill number is constructed as follows and is used as the first number for the cycle:

> position 1 = position 4 of SYS-END-PRD-DT
> positions 2-3 = converted SYS-MON-CD
> positions 4-6 = 001

Note. SYS-MON-CD is converted to a numeric value. These values are: A = 10, B = 11, C = 12, D = 01, E = 02, F = 03, G = 04, H = 05, J = 06, K = 07, L = 08, and M = 09.

(2) After all bill numbers have been assigned, the last bill number is incremented by 1 and updated to the SOMAUNIQ file system record.

h. Assignment of the DOV-NO for Internal Bills. For internal bills (BILL-TY equals I) and for bills for which disbursements will be generated at remote sites (BILL-TY equals S), a DOV-NO is assigned sequentially for the cycle. The process extracts the SYS-BILL-DOV-NO from the SOMAUNIQ file. If positions 3 through 6 of the SYS-BILL-DOV-NO equal spaces, then the process automatically assigns zeros. If positions 3 through 6 are greater than zero, then the extracted value is used as the first DOV-NO related to the first bill where BILL-TY equals I or S; positions 3 through 6 of D0V-NO are incremented by 1 each time the bill number for these bills changes; and, after all bill numbers have been assigned, positions 3 through 6 of the last DOV-NO are incremented by 1 and updated to the SOMAUNIQ file system record.

i. Generated Transactions. For each manager record that will appear on a hardcopy bill, the process will generate appropriate earn, bill, and advances used transactions (depending upon existing file conditions) and will update the S2K.FUND file. If the file earn and bill values are equal, then the process will generate a reimbursable earn/bill transaction (TRNS-CD 707). If these values are not equal, then the process will generate and update a reimbursable earning (TRNS-CD 715) and a reimbursable billing (TRNS-CD 720). If TRNS-CD 715 is generated, then the process calculates the action amount as billings minus earnings to ensure that, after the process is completed, earnings and billings will always be equal on the file. When unearned revenue is applied during the billing cycle, TRNS-CD 730 will also be generated.

(1) Following are the TRANS-IMAGE and the system assigned values for the generated TRNS-CD 707:

ELEMENT	PIC	POSITION	VALUE ASSIGNED
CMD-DSG	X(01)	1	S2K.FUND RESR-CMD-DSG.
TRNS-CD	X(03)	2-4	707.
PROC-ACT-CD	X(01)	5	2.
INP-ACT-CD	X(06)	6-11	I00000.
BLK-TKT-NO	X(07)	12-18	BILCYCL.
BLK-TKT-DT	X(08)	19-26	Systems date (CCYYMMDD).
UPDT-CD	X(02)	27-28	CM.
JO-NO	X(06)	29-34	Spaces.
SB-JO-NO	X(06)	35-40	Spaces.
MGR-RESR-REF-NO	X(15)	41-55	S2K.FUND MGR-RESR-REF-NO.
BILL-STAT-CD	X(01)	56	F.
PMT-SRC-CD	X(01)	57	Space.
DOCU-DT	X(08)	58-65	Systems date (CCYYMMDD).
BILL-NO	X(06)	66-71	When REIMB-PROC-CD equals F and when TY-FIN-CD equals 2, assigned FUNDED or when TY-FIN-CD equals 6, assigned TRAUTO. When REIMB-PROC-CD does not equal F, assigned as determined in process.
ACT-AMT	S9(10)V99	72-83	BILL-ACT-AMT.
TY-FIN-CD	X(01)	84	Space.
JV-NO	X(06)	85-90	Spaces.
EOR	X(04)	91-94	Spaces.

ELEMENT	PIC	POSITION	VALUE ASSIGNED
QTY	S9(09)	95-103	000000000.
CUST-ORD-NO	X(15)	104-118	Spaces.
FILLER	X(182)	119-300	Spaces.

(2) Following are the TRANS-IMAGE and the system assigned values for the generated TRNS-CD 715:

ELEMENT	PIC	POSITION	VALUE ASSIGNED
CMD-DSG	X(01)	1	S2K.FUND RESR-CMD-DSG.
TRNS-CD	X(03)	2-4	715.
PROC-ACT-CD	X(01)	5	2.
INP-ACT-CD	X(06)	6-11	I00000.
BLK-TKT-NO	X(07)	12-18	BILCYCL.
BLK-TKT-DT	X(08)	19-26	Systems date (CCYYMMDD).
UPDT-CD	X(02)	27-28	CM.
MGR-RESR-REF-NO	X(15)	29-43	S2K.FUND MGR-RESR-REF-NO.
DOCU-DT	X(08)	44-51	Systems date (CCYYMMDD).
ACT-AMT	S9(10)V99	52-63	Billings minus earnings.
JV-NO	X(06)	64-69	Spaces.
QTY	S9(09)	70-78	000000000.
CUST-ORD-NO	X(15)	79-93	Spaces.
FILLER	X(207)	94-300	Spaces.

(3) Following are the TRANS-IMAGE and the system assigned values for the generated TRNS-CD 720:

ELEMENT	PIC	POSITION	VALUE ASSIGNED
CMD-DSG	X(01)	1	S2K.FUND RESR-CMD-DSG.
TRNS-CD	X(03)	2-4	720.
PROC-ACT-CD	X(01)	5	2.
INP-ACT-CD	X(06)	6-11	I00000.

ELEMENT	PIC	POSITION	VALUE ASSIGNED
BLK-TKT-NO	X(07)	12-18	BILCYCL.
BLK-TKT-DT	X(08)	19-26	Systems date (CCYYMMDD).
UPDT-CD	X(02)	27-28	CM.
MGR-RESR-REF-NO	X(15)	29-43	S2K.FUND MGR-RESR-REF-NO.
BILL-STAT-CD	X(01)	44	F.
PMT-SRC-CD	X(01)	45	Space.
DOCU-DT	X(08)	46-53	Systems date (CCYYMMDD).
BILL-NO	X(06)	54-59	When REIMB-PROC-CD equals F and when TY-FIN-CD equals 2, assigned FUNDED or when TY-FIN-CD equals 6, assigned TRAUTO. When REIMB-PROC-CD does not equal F, assigned as determined in process.
ACT-AMT	S9(10)V99	60-71	BILL-ACT-AMT.
JV-NO	X(06)	72-77	Spaces.
COMPLETION-CD	X(01)	78	B (final billing, do not retire record).
CUST-ORD-NO	X(15)	79-93	Spaces.
QTY	S9(09)	94-102	000000000.
FILLER	X(198)	103-300	Spaces.

(4) Following are the TRANS-IMAGE and the system assigned values for the generated TRNS-CD 730:

ELEMENT	PIC	POSITION	VALUE ASSIGNED
CMD-DSG	X(01)	1	S2K.FUND RESR-CMD-DSG.
TRNS-CD	X(03)	2-4	730.
PROC-ACT-CD	X(01)	5	2.
INP-ACT-CD	X(06)	6-11	I00000.
BLK-TKT-NO	X(07)	12-18	BILCYCL.
BLK-TKT-DT	X(08)	19-26	Systems date (CCYYMMDD).
UPDT-CD	X(02)	27-28	CM.
MGR-RESR-REF-NO	X(15)	29-43	S2K.FUND MGR-RESR-REF-NO.

ELEMENT	PIC	POSITION	VALUE ASSIGNED
DOCU-DT	X(08)	44-51	Systems date (CCYYMMDD).
ACT-AMT	S9(10)V99	52-63	ADV-USED-ACT-AMT.
DOV-NO	X(06)	64-69	ADVANC.
CUST-ORD-NO	X(15)	70-84	S2K.FUND REIMB-CUST-ORD-NO.
FILLER	X(216)	85-300	Spaces.

(5) Whenever TRNS-CD 730 is generated, two transactions are generated for File ID DAKHAKF04. Following are the TRANS-IMAGE and the system assigned values for these generated transactions:

ELEMENT	PIC	POSITION	VALUE ASSIGNED
CMD-DSG	X(01)	1	S2K.FUND RESR-CMD-DSG.
REIMB-DSG	X(01)	2	7.
OP-AGCY	X(02)	3-4	S2K.FUND OP-AGCY.
APROP-SYM	X(04)	5-8	S2K.FUND APROP-SYM.
LIMIT	X(04)	9-12	S2K.FUND LIMIT.
PROG-YR	X(04)	13-16	S2K.FUND RESR-PROG-YR.
REIMB-SRC-CD	X(03)	17-19	S2K.FUND RESR-REIMB-SRC-CD.
ALOT	X(04)	20-23	S2K.FUND ALOT.
AMS-CD	X(11)	24-34	S2K.FUND AMS-CD (first transaction). See Note (second transaction).
REC-TY	X(01)	35	4.
FDRI	X(03)	36-38	27A if S2K.FUND RESR-TY-FIN-CD equals 2. 27D if S2K.FUND RESR-TY-FIN-CD equals 6.
DSSN	X(04)	39-42	SOMAUNIQ CMD-DSSN.
BILL-NO	X(06)	43-48	When REIMB-PROC-CD equals F and when TY-FIN-CD equals 2, assigned FUNDED or when TY-FIN-CD equals 6, assigned TRAUTO. When REIMB-PROC-CD does not equal F, assigned as determined in process.
DELMARS-XMIT-NO	X(02)	49-50	Spaces.
ACT-AMT	S9(10)V99	51-62	TRNS-CD 730 ACT-AMT (first transaction). TRNS-CD 730 ACT-AMT * -1 (second transaction).
DEPT-CD	X(02)	63-64	S2K.FUND RESR-DEPT-CD.

ELEMENT	PIC	POSITION	VALUE ASSIGNED
FISC-STA-NO	X(06)	65-70	S2K.FUND RESR-FISC-STA-NO.
BILLED-DODAAC	X(06)	71-76	Spaces.
BILLING-DODAAC	X(06)	77-82	Spaces.
BLK-TIKT-DT	X(08)	83-90	Systems date (CCYYMMDD).
BLK-TIKT-NO	X(07)	91-97	BILCYCL.
DOV-NO	X(06)	98-103	ADVANC.
EOR	X(04)	104-107	Spaces.
DISB-COUNTRY-CD	X(02)	108-109	Spaces.
UPDT-CD	X(02)	110-111	CM.
TRNS-CD	X(03)	112-114	730.
ORIG-PROG-YR	X(04)	115-118	S2K.FUND ORIG-PROG-YR if S2K.FUND PROG-YR equals CC. Spaces if S2K.FUND PROG-YR not equal CC.
CANCELED-IND	X(01)	119	0.

*NOTE: For the second transaction generated, the process assigns the following values to the queue AMS-CD:

When the APROP-SYM equals 2031, 2032, 2033, 2034, 2035, 2131, 2132, 2133, 2134 or 2135:
Position 1   4th position of the APROP-SYM.
Positions 2-4   S2K.FUND REIMB-PROJ-ACCT.
Positions 5-11   0000000.

When the APROP-SYM does not equal 2031, 2032, 2033, 2034, 2035, 2131, 2132, 2133, 2134 or 2135:
Position 1   4th position of the APROP-SYM.
Positions 2-4   S2K.FUND REIMB-PROJ-ACCT.
Positions 5-11   0000000.

*   (6) When the REIMB-PROC-CD equals F, a transfer of the collection from the receipt account (TRNS-CD 772 (Automatic) or 773 (Funded)) is also generated and updated to the S2K.FUND file. The collection is posted to the S2K.FUND file at this time. Following are the TRANS-IMAGE and the system assigned values for the generated TRNS-CD 772/773:

ELEMENT	PIC	POSITION	VALUE ASSIGNED
CMD-DSG	X(01)	1	S2K.FUND RESR-CMD-DSG.
TRNS-CD	X(03)	2-4	772 when TY-FIN-CD equals 6. 773 when TY-FIN-CD equals 2.
PROC-ACT-CD	X(01)	5	2.
INP-ACT-CD	X(06)	6-11	I00000.
BLK-TKT-NO	X(07)	12-18	BILCYCL.
BLK-TKT-DT	X(08)	19-26	Systems date (CCYYMMDD).
UPDT-CD	X(02)	27-28	CM.
MGR-RESR-REF-NO	X(15)	29-43	S2K.FUND MGR-RESR-REF-NO.
COMPLETION-CD	X(01)	44	B (final billing, do not retire record).
DOCU-DT	X(08)	45-52	Systems date (CCYYMMDD).
COLL-VOU-NO	X(06)	53-58	FUNDED when TY-FIN-CD equals 2. TRAUTO when TY-FIN-CD equals 6.
BILL-NO	X(06)	59-64	FUNDED when TY-FIN-CD equals 2. TRAUTO when TY-FIN-CD equals 6.
ACT-AMT	S9(10)V99	65-76	BILL-ACT-AMT.
JV-NO	X(06)	77-82	Spaces.
DSSN	X(04)	83-86	Spaces.
DELMARS-XMIT-NO	X(02)	87-88	Spaces.
CUST-ORD-NO	X(15)	89-103	Spaces.
FILLER	X(197)	104-300	Spaces.

   j. BILL-TY of C, I and S. When BILL-TY equals C (external bill, automated internal collection), I (internal bill) or S (external bill, automated internal collection, automated disbursement at a remote SOMARDS site) not only are earn, bill, and advances used transactions generated and updated to the S2K.FUND file, but the SOMABILC file may also be updated. When advances were received and applied to the bill amount, then the process evaluates whether or not records should be written to the SOMABILC file. If the advance was sufficient for the entire bill amount, then no collection or disbursement transactions would be appropriate and no record would be written to the SOMABILC file. The SOMABILC has two record types, a header and a detail. Some or all of the data for the header record and all of the data for the detail record are updated by this process. These records contain information to process automated disbursements and collections in the SOMABILC update process, System ID 1976. The BILL-TY and BILL-TO-JO-NO in the reimbursable record is used to determine what elements are updated to this file.

(1) When the BILL-TY equals C, the SOMABILC file is updated for a subsequent collection update within SOMARDS.

(2) When the BILL-TY equals I and positions 1 through 3 of BILL-TO-JO-NO do not equal ASF or CAF, the SOMABILC file is updated for a subsequent collection and disbursement update within SOMARDS.

(3) When the BILL-TY equals I and positions 1 through 3 of the BILL-TO-JO-NO equals CAF, the SOMABILC file is updated for a subsequent collection within SOMARDS and a subsequent disbursement interface with the CCSS conventional ammunition working capital fund (CAWCF).

(4) When the BILL-TY equals S, the SOMABILC file is updated for a subsequent collection within SOMARDS. The related header and detail records are then passed to another SOMARDS site for generation of the corresponding disbursement transaction.

(5) The following table shows how the SOMABILC is populated for subsequent processing within SOMARDS and CAWCF. The note following the definition of the header record identifies when some of the file elements will be assigned spaces. These spaces are to be filled by the on-line TRNS-CD 861.

Header Record

	Value Assigned			
Element	**Internal Coll/Disb SOMARDS**	**Internal Coll SOMARDS**	**Disb CAWCF**	**Disb SOMARDS REMOTE SITE**
BILC-KEY				
CMD-DSG	RESR-CMD-DSG	RESR-CMD-DSG	RESR-CMD-DSG	RESR-CMD-DSG
BILL-NO	as assigned	as assigned	as assigned	as assigned
REC-TY	A	A	A	A
SEQ-NO	000000	000000	000000	000000
BILL-ACT-CD	refer to note 1	refer to note 1	refer to note 1	refer to note 1
BILL-AMT	sum of BILL-ACT-AMT	sum of BILL-ACT-AMT	sum of BILL-ACT-AMT	sum of BILL-ACT-AMT
DISB-AMT	sum of BILL-ACT-AMT	sum of BILL-ACT-AMT	sum of BILL-ACT-AMT	sum of BILL-ACT-AMT
SYSTEM	SOMARDS	EXTRNL	CCSS	REMOTE
DOV-NO	as assigned	as assigned	as assigned	as assigned
DOV-DT	systems date	systems date	systems date	systems date
BLK-TKT-NO				
POS 1	UNIQ-CMD-DSG	UNIQ-CMD-DSG	UNIQ-CMD-DSG	UNIQ-CMD-DSG
POS 2 - 3	SYS-SITE-CD	SYS-SITE-CD	SYS-SITE-CD	SYS-SITE-CD
POS 4 – 7	1934	1934	1934	1934
BLK-TKT-DT	refer to note 1	refer to note 1	refer to note 1	refer to note 1
TOT-DTL-RECS	as computed	as computed	as computed	as computed

Note. If CMD-DISB-REL-SWTCH equals Y and the value of positions 3 through 6 of the SYS-BILL-DOV-NO is greater than zero, then the BILL-ACT-CD will be automatically assigned an R and the BLK-TKT-DT will be the systems date. Otherwise, spaces will be assigned to these fields.

Detail Record

Value Assigned

Element	Internal Coll/Disb SOMARDS	Internal Coll SOMARDS	Disb CAWCF	Disb SOMARDS REMOTE SITE
BILC-KEY				
CMD-DSG	RESR-CMD-DSG	RESR-CMD-DSG	RESR-CMD-DSG	RESR-CMD-DSG
BILL-NO	as assigned	as assigned	as assigned	as assigned
REC-TY	B	B	B	B
SEQ-NO	sequentially assigned	sequentially assigned	sequentially assigned	sequentially assigned
CUST-ORD-NO	REIMB-CUST-ORD-NO	REIMB-CUST-ORD-NO	REIMB-CUST-ORD-NO	REIMB-CUST-ORD-NO
MGR-RESR-REF-NO	from resource	from resource	from resource	from resource
JO-NO	BILL-TO-JO-NO	spaces	spaces	BILL-TO-JO-NO
EOR	BILL-TO-EOR	spaces	spaces	BILL-TO-EOR
COMT-REF-NO	BILL-TO-COMT-REF-NO	spaces	spaces	BILL-TO-COMT-REF-NO
OBLG-REF-NO-SPIIN	BILL-TO-OBLG-REFER-NO	spaces	spaces	BILL-TO-OBLG-REFER-NO
COST-CEN-MGR	BILL-TO-COST-CEN-MGR	spaces	spaces	BILL-TO-COST-CEN-MGR
ENTRY-DATA	REIMB-CUST-ORD-NO	MGR-RESR-REF-NO	REIMB-CUST-ORD-NO	REIMB-CUST-ORD-NO
ACT-AMT	refer to note 2	refer to note 2	refer to note 2	refer to note 2
SUB-JO-NO	BILL-TO-SUB-JO-NO	spaces	spaces	BILL-TO-SUB-JO-NO
IFS-DOCU-NO	BILL-TO-IFS-DOCU-NO	spaces	spaces	BILL-TO-IFS-DOCU-NO
CMD-DSG	BILL-TO-CMD-DSG	spaces	spaces	BILL-TO-CMD-DSG
*SITE-CD	SITE-CD	spaces	spaces	SITE-CD

Note. When REIMB-ADV-REC-CFI is greater than zero, the process analyzes the relationship between the S2K.FUND file earn and bill values (before the file is updated) to compute a value for the advances used for this billing cycle. Depending upon the condition of the file, this amount may or may not be the computed ADV-USED-ACT-AMT.   The SOMABILC ACT-AMT is updated with the BILL-ACT-AMT adjusted for any advances used for this billing cycle.

   k. Reports. The process produces six output reports.

   (1) Billing Summary Data, PCN B67AXXG024R. This report is produced when REIMB-PROC-CD does not equal F or BILL-TY does not equal P. The information provided is the backup support to the 1080 billing, showing the amount billed, by manager resource reference number and bill number. Totals are provided by bill number for the amount billed.

   (2) FMS Administrative Expense, Automatic, PCN B67AXXG134R. This report is produced when the FMS-DTL-BILL-BKUP-CD in the S2K.FUND file equals Y. The report provides data from the S2K.FUND reimbursable record for FMS reimbursable customer orders by program budget resource reference number, manager resource reference number, and all EORs for the total expenses and the current month expenses. Totals are provided by manager resource, program, allotment, appropriation symbol, limit, operating agency, and overall report total.

(3) Voucher for Transfer Between Appropriations and/or Funds, PCN B67AXXG324R. This report is the 1080 billing produced when REIMB-PROC-CD does not equal F or BILL-TY does not equal P.

(a)   One bill for each BILL-FR-ADRS and BILL-TO-ADRS combination from the S2K.FUND reimbursable record is produced for each bill cycle; therefore, the bill may include multiple reimbursable customer order numbers and manager resource reference numbers. The detailed bill information is contained on the continuation sheets for the 1080 bill.

(b) The continuation sheet by collections by manager resource provides the manager resource reference number, the billing accounting classification, and the detail bill amount for each reimbursable customer order number.

*   [1] The billing accounting classification is constructed from elements in the S2K.FUND resource record. The field is constructed as follows:

Position	Value
1-2	DEPT-CD
3	PROG-YR
4-7	APROP-SYM
8	constant . (period)
9-12	LIMIT
13	space
14-15	OP-AGCY
16	space
17-18	constant C-
19-21	REIMB-SRC-CD
22	space
23-26	ALOT
27	space
28-38	AMS-CD
39	space
40-45	FISC-STA-NO

[2] The accounting classifications for unfunded costs are constructed by the type of unfunded costs. The billed to appropriation for each type of unfunded charge is hardcoded in the program as follows:

unfunded civilian retirement	21R3041.0008
military labor officer	21X2010 01-C F00 P1011 + FSN
military labor enlisted	21X2010 01-C F00 P1111 + FSN
military benefits	21F3875.2020 20-C-F00 S99999
asset use	21R3041 .0009

Note 1. The FSN is the command's FSN.

Note 2. For-military benefits, the source code will be F00 if FMS-COUNTRY-CD is filled on the FC-MGR-PB-RESOURCE-RECORD; otherwise, the source code will be the REIMB-SRC-CD on the FC-REIMBURSABLE-RECORD.

(c) The continuation sheet by billings by billed accounting classification is a recap by reimbursable customer order number and reimbursable accounting classification.

[1] A breakout of the charges in specified expense categories is provided. The following table displays how the expenses in the S2K.FUND file will be combined, using the EOR:

EOR	Category Displayed on SF-1080 Bill
Position 1 equals 1	PERSONNEL EXPENSES
Positions 1 and 2 equal 21 or 22	TRAVEL/TRANSPORTATION
Positions 1 and 2 equal 26	SUPPLIES
Positions 1 and 2 equal 23, 24, 25, 27 or 28	CONTRACTS
Position 1 equals 3	EQUIPMENT/CAPITAL ASSETS
All Other EORs	OTHER EXPENSES

[2] Current amount billed is the computed value for this bill for a manager resource reference number and reimbursable accounting classification.

[3] Prior amount billed is computed by taking REIMB-BILL-CFI less RESR-BILL-NM from S2K.FUND reimbursable record before the file was updated.

[4] Cumulative from inception is computed by taking REIMB-BILL-CFI less REIMB-BILL-NM from S2K.FUND reimbursable record after the file was updated.

[5] Summary of previous bills not paid is computed by taking the (REIMB-BILL-CFI minus REIMB-BILL-NM) minus (REIMB-COLL-CFI minus REIMB-COLL-NM) from the S2K.FUND reimbursable record.

(4) Cost Overrun Report, PCN B67AXXG764R. This report is produced for reimbursable customer orders when the total expenses exceed orders received for a manager resource reference number. The report provides the following from the S2K.FUND file: program budget resource reference number, manager resource reference number, cost center manager, AMS code, orders received cumulative from inception, resource expenses cumulative from inception, and the difference between orders received cumulative from inception, and resource expense cumulative from inception. Totals are provided by source code and program.

(5) Statement of Account, PCN B67AXXL064R. This report is a mechanized version of the DA Form 1857, Statement of Account, for public bills. Examples of a public bill would be trailer space rental, utilities, and so forth. This bill is produced when the BILL-TY in the reimbursable record of the S2K.FUND file equals P (bills to public).

(a) One bill is produced for each bill from and bill to address. The bill from address is taken from the SOMAUNIQ command address fields. The bill to address is taken from the SOMATBLS reimbursable address record as identified by the BILL-TO-ADRS in the S2K.FUND file. The refer inquiries to field on the report will be filled as long as the SOMAUNIQ OMA-CERT-SIGNR-1 field contains a value. The account number represents the customer order number and the bill number is generated by the billing process. The billing date is the system date and the due date is the systems date plus 45 days.

(b) The report provides for multiple lines of services. The description of services is each applicable REIMB-NOMEN from the S2K.FUND reimbursable records and the services amount is the computed bill amount for each resource record related to the same customer order number. If space on the hardcopy bill is not sufficient to report all services, then additional bill information is moved to a second page.

(c) The collection accounting classification is constructed from elements contained in the applicable resource records. The field is constructed as follows:

Position	Value
1-2	DEPT-CD
3	PROG-YR
4-7	APROP-SYM
8	constant . (period)
9-12	LIMIT
13	space
14-15	OP-AGCY
16	space
17-18	constant C-
19-21	REIMB-SRC-CD
22	space
23-33	AMS-CD
34	space
35-49	MGR-RESR-REF-NO
50	space
51-56	FISC-STA-NO

(d) The sum of all bill amounts for the description of services are moved to the current charges and pay this amount fields. The accounts receivable value is moved to the balance forward field.

(6)   SOMARDS Suspected Problem Report, PCN B67AXXJ194R.   This report provides user personnel with records that did not update the SOMARDS database because of specific file condition problems that exist in the database. Each record on the report is identified by record key which will assist the user in his or her research of problem records. Additionally, the system identifies the file that the problem occurred on as well as a specific REJ-CD that spells out the exact problem. Page 1 of the report identifies all of the existing REJ-CDs that can apply to a record that appears on the report. Reject code definitions are as follows:

Condition	Error Code
Reimbursable record cannot be located for the selected resource record.	A01
Sum of (EOR-EXP-CFI minus EOR-EXP-NM) does not equal (RESR-EXP-CFI minus RESR-EXP-NM).	A02
* BILL-TY equals I or S and SITE-CODE in the reimbursable record is not valid. (SITE-CODE must equal AX, A3, C4, D2, EH, EK, I7, K1, L4, M1, M2, S6 or XR) When BILL-TY equals I, then SITE-CODE must equal SOMAUNIQ SYS-SITE-CD.	A03
BILL-TY equals S and the BILL-TO-CMD-DSG is spaces	A04
REIMB-BILL is greater than ORD-REC but less than or equal to RESR-EXP (computations are based on CFI minus NM values).	A05
BILL-TY equals I and the BILL-TO-CMD-DSG is not in the SOMAUNIQ file	A06
* RESR-EXP are negative (computation is based on CFI minus NM values)	A07
* BILL-TY equals I or S and one or more of the bill-to file elements, which are necessary for subsequent processing of the disbursement transaction, are blank	A08

l. Manual Billing. Some REIMB-PROC-CDs in SOMARDS are identified as manually billed and are processed by the input of earn and bill transactions. The REIMB-PROC-CDs for manual bills are as follows:

REIMB- PROC-CD	RESR-TY- FIN-CD	Description
L	6	PCH
M	2 or 6	Manual reimbursable order
Q	6	Transportation
S	6	Supplies

(1) REIMB-PROC-CDs L, Q and S. The billing for these type orders is processed manually by TRNS-CD 707. These types of orders do not appear on a hardcopy bill.

(2) REIMB-PROC-CD M. The billing for this type order is also processed manually by TRNS-CD 707. This transaction then passes billing information to System ID 1934 so that billing data will appear on a hardcopy bill. Refer to ADSM 18-C99-JAQ-ZZZ-UM-02 for more information on TRNS-CD 707.

3.2.3.32 System ID 1935, Write-down Commit. This process locates commitment records on the S2K.FUND file with an outstanding commitment balance. The process provides a listing of the records and a possible update to the S2K.FUND file for those records. The process can also write records that will be used to rebuild commitment records at a future date.

a. The commitment writedown process will allow a preliminary review of the records to receive writedowns or the actual writedown of records and the creation of records for future rebuild dependent on the DAKHALB01-1935 switch of the SOMAUNIQ. The three settings for this switch and their meanings are listed below.

(1) To provide for a preliminary review of records that could receive writedowns the switch should be set to N. This indicates that only the data required to produce the report will be created from the commitment writedown process.

(2) To writedown the records with outstanding commitment balances and possibly create records that would cause a rebuild at a future date, the switch should be set to Y. This indicates that the S2K.FUND file for these records will be updated; records that meet the criteria will create rebuild transactions (TRNS-CD 310); and that the data required to produce the report will be created from the commitment writedown process.

(3) To writedown the records with outstanding commitment balances, create records that would cause a rebuild at a future date, and to update the value in the DAKHALB01-1935 switch of the SOMAUNIQ, the switch should be set to 1. This indicates that the S2K.FUND file for these records will be updated, records that meet the criteria will create rebuild transactions (TRNS-CD 310), that the data required to produce the report will be created, and that the switch will be reset to N during the commitment writedown process.

b. The commitment parameter (COMT-PARM) used in the commitment writedown process is contained in the SOMAUNIQ. This dollar value is used to determine if a record is a candidate for writedown. The following conditions must exist for a commitment record in the S2K.FUND file to be eligible for writedown (TRNS-CD 311):

(1) The value of commitments in the S2K.FUND commitment record must be greater than or equal to the COMT-PARM.

(2) The cumulative commitment value exceeds the cumulative obligation value plus the cumulative commitment contingency value.

(3) The commitment record is for direct Army funds (the type finance code equals 1); the related appropriation does not equal 0810, 1105, 4930, 4991, 5095, 5098, or 8927; and the appropriation expires at the end of the current fiscal year.

(4) When the commitment record is for reimbursable funds (the type finance code equals 2 or 6), the process will analyze the performer's funds to determine if the appropriation into which the funds were accepted has expired. If the performer's funds have not expired, then the process will analyze the supplier's funds to determine if that appropriation has expired. If either appropriation has expired, the writedown process will be performed.

(a) Performer's Funds. If the RESR-PROG-YR in the FC-MGR-PB-RESOURCE-RECORD is greater than the AA-EXPR-YR (plus 1) in the SOMATBLS file APROP-ASN-RECORD, then the commitment will not be written down and the supplier's funds will be examined to determine if that appropriation has expired.

(b) Supplier's Funds. If the ORD-APROP-EXPR-DT in the FC-REIMBURSABLE-RECORD is greater than the current fiscal year end date or is blank, then the commitment will not be written down.

c. In addition to being eligible for writedown, a commitment record could be eligible to create a rebuild transaction (TRNS-CD 310). These records are easily identifiable by the assigned block ticket number of rebuild. To be eligible to create a rebuild transaction, a commitment record must meet the criteria for writedown and must meet the following conditions:

(1) The commitment purge switch (CMD-COMT-PURGE-SWTCH) of the SOMAUNIQ file equals Y.

(2) The commitment record is for automatic reimbursable funds or the type finance code equals 6.

(3) The commitment record is for funds that do not expire at year-end or the ORD-EXPR-DT must be greater than 0930 of the current fiscal year.

(4) The commitment record was not created by the COPS interface or the COMT-INFACE-CD does not equal C.

(5) The commitment record was not created by the MDMS interface or the COMT-ORD-TY-CD does not equal $.

d. These rebuild transactions are written during the writedown process and are updated to the SOMABLKT and SOMABLKC files during the DTR transaction distribution (System ID 1918). At a future date, early in the next fiscal year, the records can be released during the on-line transaction extract (System ID 1905) by setting the SYS-YR-END-REBLD-SWTCH of the SOMAUNIQ to Y. When this switch equals Y, rebuild transactions are removed from the SOMABLKT and are forwarded to the daily update (System ID 1916) to create new commitment records on the S2K.FUND file or to reject based on the update error conditions for commitments. Refer to ADSM 18-C99-JAQ-ZZZ-UM-02 for more information.

e. The commitment writedown process will produce a report and when the DAKHALB01-1935 switch of the SOMAUNIQ indicates an update of the S2K.FUND file additional records will be passed to the COPS interface and DTR transaction distribution (System ID 1918).

(1) For each commitment record where a writedown has occurred a commitment writedown transaction (TRNS-CD 311) for a negative dollar value will be created and will be passed to System ID 1918.

(2) Each writedown for a commitment record where the COMT-INFACE-CD equals C will pass a TRNS-CD CHF to the COPS interface.

f. Generated Transactions.

(1) Following are the TRANS-IMAGE and the system assigned values for the generated TRNS-CD 311:

ELEMENT	PIC	POSITION	VALUE ASSIGNED
CMD-DSG	X(01)	1	S2K.FUND RESR-CMD-DSG.
TRNS-CD	X(03)	2-4	311.
PROC-ACT-CD	X(01)	5	2.
INP-ACT-CD	X(06)	6-11	I00000.
BLK-TKT-NO	X(07)	12-18	WRIDOWN.
BLK-TKT-DT	X(08)	19-26	See note below.
UPDT-CD	X(02)	27-28	CM.
JO-NO	X(06)	29-34	S2K.FUND JO-NO.
COMT-REF-NO	X(14)	35-48	S2K.FUND COMT-REF-NO.
DOCU-DT	X(08)	49-56	See note below.
ACT-AMT	S9(10)V99	57-68	Computed writedown amount.
SUB-JO-NO	X(08)	69-76	S2K.FUND COMT-SUB-JO-NO.
COST-CEN-MGR	X(06)	77-82	S2K.FUND COMT-COST-CEN-MGR.
FILLER	X(218)	83-300	Spaces.

Note. When the SOMAUNIQ SYS-OPEN-PERIOD-CD equals M or Y, then the SOMAUNIQ SYS-END-PRD-DT (CCYYMMDD) is moved to both the BLK-TKT-DT and the DOCU-DT. Otherwise, the system date (CCYYMMDD) is moved to these fields.

    (2) Following are the TRANS-IMAGE and the system assigned values for the generated TRNS-CD 310:

ELEMENT	PIC	POSITION	VALUE ASSIGNED
CMD-DSG	X(01)	1	TRNS-CD 311 CMD-DSG.
TRNS-CD	X(03)	2-4	310.
PROC-ACT-CD	X(01)	5	2.
INP-ACT-CD	X(06)	6-11	I00000.
BLK-TKT-NO	X(07)	12-18	REBUILD.
BLK-TKT-DT	X(08)	19-26	See note 1 below.
UPDT-CD	X(02)	27-28	CM.
FEEDBACK-CD	X(01)	29	0.
JO-NO	X(06)	30-35	See note 2 below.

ELEMENT	PIC	POSITION	VALUE ASSIGNED
COMT-REF-NO	X(14)	36-49	TRNS-CD 311 COMT-REF-NO.
DOCU-DT	X(08)	50-57	See note 1 below.
ACT-AMT	S9(10)V99	58-69	Computed writedown amount * -1.
JV-NO	X(06)	70-75	Spaces.
ORD-TY-CD	X(01)	76	S2K.FUND COMT-ORD-TY-CD.
AMD-NO	X(02)	77-78	Spaces.
QTY	S9(09)	79-87	S2K.FUND COMT-QTY-CFI – COMT-QTY-NM.
BULK-CD	X(01)	88	S2K.FUND BULK-CD.
EXPIR-DT	X(08)	89-96	S2K.FUND COMT-EXPIR-DT.
EOR	X(04)	97-100	S2K.FUND COMT-EOR.
SELLER-CD	X(02)	101-102	S2K.FUND COMT-SELLER-CD.
NOMENCLATURE	X(35)	103-137	S2K.FUND COMT-NOMEN.
SUB-JO-NO	X(08)	138-145	TRNS-CD 311 SUB-JO-NO.
COST-CEN-MGR	X(06)	146-151	TRNS-CD 311 COST-CEN-MGR.
NSN	X(15)	152-166	S2K.FUND COMT-NSN.
UM	X(02)	167-168	S2K.FUND COMT-UM.
PAN	X(20)	169-188	S2K.FUND PROC-ACT-NO.
TDO	X(08)	189-196	S2K.FUND TDO.
CNTGCY-IND	X(01)	197	Space.
FILLER	X(103)	198-300	Spaces.

Note 1. The value assigned to both the BLK-TKT-DT and the DOCU-DT is the century and year from the COMP-SYS-DT plus 1001.

Note 2. The first position of the writedown record's JO-NO is replaced with a value computed by adding 1 to the last position of the CURR-FY-YR in the SOMAUNIQ file UNIQ-SYSTEM-RECORD.

   (3) Following are the TRANS-IMAGE and the system assigned values for the generated CHF transactions:

ELEMENT	PIC	POSITION	VALUE ASSIGNED
CMD-DSG	X(01)	1	See note below.
DIC	X(03)	2-4	CHF.

ELEMENT	PIC	POSITION	VALUE ASSIGNED
FILLER	X(03)	5-7	ALL.
ACTION-CODE	X(01)	8	C.
ACCOUNTING CLASSIFICATION	X(56)	9-64	Spaces.
PROC-ACTN-NUM	X(20)	65-84	Spaces.
AMS-CD	X(10)	85-94	POS 1-10 of S2K.FUND JO-MON-AMS-REPT-LVL.
PRON-XREF	X(04)	95-98	Spaces.
INSTALLATION-PRON	X(12)	99-110	Spaces.
BLIN	X(06)	111-116	Spaces.
CUST-ORD-CLASS	X(02)	117-118	Spaces.
CUST-LINE-NUM	X(03)	119-121	Spaces.
ALOT-SER-NO	X(04)	122-125	S2K.FUND ALOT.
SYSTEM-CD	X(01)	126	S.
FINAL-DOV-NUM	X(06)	127-132	Spaces.
JO-NO	X(06)	133-138	TRNS-CD 311 JO-NO.
FILLER	X(10)	139-148	Spaces.
TOLERANCE	S9(11)V99	149-161	0000000000000.
CUM-DISC	S9(11)V99	162-174	S2K.FUND COMT-DISC-CFI.
CONTINGENCY	S9(11)V99	175-187	S2K.FUND COMT-CNTGCY-CFI.
CUM-COM	S9(11)V99	188-200	S2K.FUND COMT-CFI + COMT-DISC-CFI.
PWD	X(10)	201-210	S2K.FUND COMT-REF-NO.
DATE	9(05)	211-215	COMP-SYS-DT.
TIME	X(04)	216-219	COMP-SYS-TIME.
SEQUENCE	9(05)	220-224	00001.

Note. This field usually contains the S2K.FUND CMD-DSG. However, when the S2K.FUND CMD-DSG equals G and position 1 of the S2K.FUND COST-CEN-MGR equals G, the system automatically moves C to this field. If the S2K.FUND CMD-DSG equals P, the system automatically moves M to this field.

    g. Commitment Writedown Report, PCN B67AXXG054R. This System ID produces a report that provides the results of the commitment writedown process.

    (1) This report is always produced whether the DAKHALB01-1935 switch in the SOMAUNIQ file equals Y, N, or 1.

(2)   The report is sorted by CMD-DSG, operating agency, appropriation symbol, program year, limitation, allotment, AMS code (first six pos), cost center, manager resource reference number, job order, and commitment reference number. The cumulative commitment value, cumulative obligation value, and the commitment writedown value are listed for each commitment reference number. Totals are accumulated by operating agency, appropriation, program year, limitation, allotment, and AMS code. A new total is provided when the AMS code changes.

3.2.3.33   System ID 1936, Write-down Order.   This as-required process performs three separate functions: reimbursable order writedown, reimbursable program and fund writedown, and order writedown transaction rebuild.

a. Reimbursable Order Writedown. This process may be run throughout the fiscal year to write down existing orders and to produce a hardcopy report displaying the writedown amounts.

(1) Two elements in the SOMAUNIQ file UNIQ-CMD-RECORD are key to the writedown process: the DAKHALB01-1936 switch and the ORD-PARM. If the ORD-PARM is greater than zero, then those reimbursable records with order received values greater than the parameter value are evaluated for writedown. If the parameter equals zero, then all reimbursable records are evaluated for writedown. The DAKHALB01-1936 switch determines whether to perform writedown and produce a report or just produce a report. If the switch is set to N, then only the report is produced; if the switch is set to Y, writedown occurs and a report is produced. If the switch is set to 1, it processes the same as switch Y but is reset to an N for the next processing cycle.

(2) The process will analyze the performer's funds to determine if the appropriation into which the funds were accepted has expired. If the performer's funds have not expired, then the process will analyze the supplier's funds to determine if that appropriation has expired. If either appropriation has expired, the writedown process will be performed.

(a) Performer's Funds. If the RESR-PROG-YR in the FC-MGR-PB-RESOURCE-RECORD is greater than the AA-EXPR-YR (plus 1) in the SOMATBLS file APROP-ASN-RECORD, then the order will not be written down and the supplier's funds will be examined to determine if that appropriation has expired.

(b)   Supplier's Funds.   If the ORD-APROP-EXPR-DT in the FC-REIMBURSABLE-RECORD is greater than the current fiscal year end date or is blank, then the order will not be written down.

(3) Reimbursable records are written down based on the APROP-SYM and CUST-ORD-TY in the S2K.FUND file FC-MGR-PB-RESOURCE-RECORD and the SYS-OPEN-PERIOD-CD in the SOMAUNIQ file UNIQ-SYSTEM-RECORD. The following chart indicates the writedown action that is taken, based upon various file conditions:

APROP-SYM	CUST-ORD-TY	SYS-OPEN-PERIOD-CD	WRITEDOWN ACTION
Not 203 in Pos 1-3	Not Relevant	N or M	ORD-REC-CFI written down to equal RESR-OBLG-CFI, program and fund values are reduced, and TRNS-CD 762 is generated
Not 203 in Pos 1-3	Not Relevant	Y	ORD-REC-CFI minus ORD-REC-NM written down to equal RESR-OBLG-CFI minus RESR-OBLG-NM, program and fund values are reduced, and TRNS-CD 762 is generated

APROP-SYM	CUST-ORD-TY	SYS-OPEN-PERIOD-CD	WRITEDOWN ACTION
203 in Pos 1-3	Not AM, RM, or RS	N or M	ORD-REC-CFI written down to equal RESR-OBLG-CFI, program and fund values are reduced, and TRNS-CD 762 is generated
203 in Pos 1-3	Not AM, RM, or RS	Y	ORD-REC-CFI minus ORD-REC-NM written down to equal RESR-OBLG-CFI minus RESR-OBLG-NM, program and fund values are reduced, and TRNS-CD 762 is generated
203 in Pos 1-3	AM or RM	N or M	ORD-REC-CFI written down to equal REIMB-EARN-CFI and TRNS-CD 705 is generated
203 in Pos 1-3	AM or RM	Y	ORD-REC-CFI minus ORD-REC-NM written down to equal REIMB-EARN-CFI minus REIMB-EARN-NM and TRNS-CD 705 is generated
203 in Pos 1-3	RS	N or M	When RESR-PROG-YR is less than or equal to SOMATBLS AA-EXPR-YR plus 1: ORD-REC-CFI written down to equal RESR-OBLG-CFI, program and fund values are reduced, and TRNS-CD 762 is generated When RESR-PROG-YR is greater than SOMATBLS AA-EXPR-YR plus 1: ORD-REC-CFI written down to equal higher of REIMB-EARN-CFI or RESR-OBLG-CFI, program and fund values are reduced, and TRNS-CD 762 is generated
203 in Pos 1-3	RS	Y	When RESR-PROG-YR is less than or equal to SOMATBLS AA-EXPR-YR plus 1: ORD-REC-CFI written down to equal RESR-OBLG-CFI minus RESR-OBLG-NM, program and fund values are reduced, and TRNS-CD 762 is generated When RESR-PROG-YR is greater than SOMATBLS AA-EXPR-YR plus 1: ORD-REC-CFI minus ORD-REC-NM written down to equal higher of REIMB-EARN-CFI minus REIMB-EARN-NM or RESR-OBLG-CFI minus RESR-OBLG-NM, program and fund values are reduced, and TRNS-CD 762 is generated

b. Generated Transactions for Order Writedown.

(1) Following are the TRANS-IMAGE and the system assigned values for the generated TRNS-CD 705:

ELEMENT	PIC	POSITION	VALUE ASSIGNED
CMD-DSG	X(01)	1	S2K.FUND RESR-CMD-DSG.
TRNS-CD	X(03)	2-4	705.
PROC-ACT-CD	X(01)	5	2.
INP-ACT-CD	X(06)	6-11	I00000.
BLK-TKT-NO	X(07)	12-18	WRIDOWN.
BLK-TKT-DT	X(08)	19-26	See note below.
UPDT-CD	X(02)	27-28	CM.
MGR-RESR-REF-NO	X(15)	29-43	S2K.FUND MGR-RESR-REF-NO.
CUST-ORD-NO	X(15)	44-58	S2K.FUND REIMB-CUST-ORD-NO.
DOCU-DT	X(08)	59-66	See note below.
ACT-AMT	S9(10)V99	67-78	Computed writedown amount.
FILLER	X(222)	79-300	Spaces.

Note. When the SOMAUNIQ SYS-OPEN-PERIOD-CD equals M or Y, then the SOMAUNIQ SYS-END-PRD-DT (CCYYMMDD) is moved to both the BLK-TKT-DT and the DOCU-DT. Otherwise, the system date (CCYYMMDD) is moved to these fields.

(2) Following are the TRANS-IMAGE and the system assigned values for the generated TRNS-CD 762:

ELEMENT	PIC	POSITION	VALUE ASSIGNED
CMD-DSG	X(01)	1	S2K.FUND RESR-CMD-DSG.
TRNS-CD	X(03)	2-4	762.
PROC-ACT-CD	X(01)	5	2.
INP-ACT-CD	X(06)	6-11	I00000.
BLK-TKT-NO	X(07)	12-18	WRIDOWN.
BLK-TKT-DT	X(08)	19-26	See note below.
UPDT-CD	X(02)	27-28	CM.
FEEDBACK-CD	X(01)	29	0.
MGR-RESR-REF-NO	X(15)	30-44	S2K.FUND MGR-RESR-REF-NO.
CUST-ORD-NO	X(15)	45-59	S2K.FUND REIMB-CUST-ORD-NO.
ACT-AMT	S9(10)V99	60-71	Computed writedown amount.

ELEMENT	PIC	POSITION	VALUE ASSIGNED
ORD-EXPR-DT	X(08)	72-79	Spaces.
DOCU-DT	X(08)	80-87	See note below.
ORD-APROP-EXPR-DT	X(08)	88-95	Spaces.
BILL-FR-ADRS	X(06)	96-101	Spaces.
BILL-TO-ADRS	X(06)	102-107	Spaces.
REIMB-ACCT-CLAS	X(65)	108-172	Spaces.
UM	X(02)	173-174	Spaces.
QTY	S9(09)	175-183	000000000.
NSN	X(15)	184-198	Spaces.
SRC-EARN-CD	X(02)	199-200	Spaces.
UNFND-ACT-AMT	S9(10)V99	201-212	000000000000.
BOR-CEILING	S9(10)V99	213-224	000000000000.
FMS-DTL-BILL-BKUP-CD	X(01)	225	Space.
JV-NO	X(06)	226-231	Spaces.
NOMENCLATURE	X(35)	232-266	Spaces.
PROG-BUD-RESR-REF-NO	X(15)	267-281	Spaces.
FILLER	X(19)	282-300	Spaces.

Note. When the SOMAUNIQ SYS-OPEN-PERIOD-CD equals M or Y, then the SOMAUNIQ SYS-END-PRD-DT (CCYYMMDD) is moved to both the BLK-TKT-DT and the DOCU-DT. Otherwise, the system date (CCYYMMDD) is moved to these fields.

   c. Order Writedown Transaction Rebuild. At year-end, each resource record written down that contains an RESR-TY-FIN-CD equal to 6, an ORD-EXPR-DT in the FC-REIMBURSABLE-RECORD greater than the current fiscal year end date, and an RESR-PROG-YR in the FC-MGR-PB-RESOURCE-RECORD equal to the current fiscal year, the system creates TRNS-CD 762 and moves the order writedown amount to the transaction dollar field of that transaction. The third position of that record's MGR-RESR-REF-NO is replaced with a value computed by adding 1 to the last position of the CURR-FY-YR in the SOMAUNIQ file UNIQ-SYSTEM-RECORD. This revised MGR-RESR-REF-NO is then used as the key in the 762 transaction. In addition, if the BILL-TY in the FC-MGR-PB-RESOURCE-RECORD equals I, TRNS-CD 764 will also be generated. These order value rebuild and bill-to update transactions will be updated to the SOMABLKT file through System ID 1918 with a TO-BE-PROC-IND equal to Y.

   (1) In the new fiscal year, the user makes the determination when the 762 and 764 transactions should process in a daily cycle. To process these transactions, the SYS-YR-END-REBLD switch in the SOMAUNIQ file UNIQ-SYSTEM-RECORD should be set to equal Y. When the switch equals Y, System ID 1905 will extract all SOMABLKT file records where the TO-BE-PROC-IND equals Y (year end 762 and 764 transactions for rebuild) and will pass them on to System ID 1916.

(2) If the switch is never activated, the 762 and 764 transactions will remain on the SOMABLKT file.

d. Generated Transactions for Order Rebuild.

(1) Following are the TRANS-IMAGE and the system assigned values for the generated TRNS-CD 762:

ELEMENT	PIC	POSITION	VALUE ASSIGNED
CMD-DSG	X(01)	1	S2K.FUND RESR-CMD-DSG.
TRNS-CD	X(03)	2-4	762.
PROC-ACT-CD	X(01)	5	2.
INP-ACT-CD	X(06)	6-11	I00000.
BLK-TKT-NO	X(07)	12-18	REBUILD.
BLK-TKT-DT	X(08)	19-26	See note 1 below.
UPDT-CD	X(02)	27-28	CM.
FEEDBACK-CD	X(01)	29	0.
MGR-RESR-REF-NO	X(15)	30-44	See note 2 below.
CUST-ORD-NO	X(15)	45-59	S2K.FUND REIMB-CUST-ORD-NO.
ACT-AMT	S9(10)V99	60-71	Computed writedown amount * -1.
ORD-EXPR-DT	X(08)	72-79	S2K.FUND ORD-EXPR-DT.
DOCU-DT	X(08)	80-87	See note 1 below.
ORD-APROP-EXPR-DT	X(08)	88-95	S2K.FUND ORD-APROP-EXPR-DT.
BILL-FR-ADRS	X(06)	96-101	S2K.FUND BILL-FR-ADRS.
BILL-TO-ADRS	X(06)	102-107	S2K.FUND BILL-TO-ADRS.
REIMB-ACCT-CLAS	X(65)	108-172	S2K.FUND REIMB-ACCT-CLAS.
UM	X(02)	173-174	S2K.FUND REIMB-UM.
QTY	S9(09)	175-183	000000000.
NSN	X(15)	184-198	S2K.FUND REIMB-NSN.
SRC-EARN-CD	X(02)	199-200	Spaces.

ELEMENT	PIC	POSITION	VALUE ASSIGNED
UNFND-ACT-AMT	S9(10)V99	201-212	000000000000.
BOR-CEILING	S9(10)V99	213-224	000000000000.
FMS-DTL-BILL-BKUP-CD	X(01)	225	S2K.FUND FMS-DTL-BILL-BKUP-CD.
JV-NO	X(06)	226-231	Spaces.
NOMENCLATURE	X(35)	232-266	Spaces.
PROG-BUD-RESR-REF-NO	X(15)	267-281	Spaces.
FILLER	X(19)	282-300	Spaces.

Note 1. The value assigned to both the BLK-TKT-DT and the DOCU-DT is 1001 plus the century and year from the system date.

Note 2. The third position of the writedown record's MGR-RESR-REF-NO is replaced with a value computed by adding 1 to the last position of the CURR-FY-YR in the SOMAUNIQ file UNIQ-SYSTEM-RECORD.

   (2) Following are the TRANS-IMAGE and the system assigned values for the generated TRNS-CD 764:

ELEMENT	PIC	POSITION	VALUE ASSIGNED
CMD-DSG	X(01)	1	TRNS-CD 762 CMD-DSG.
TRNS-CD	X(03)	2-4	764.
PROC-ACT-CD	X(01)	5	2.
INP-ACT-CD	X(06)	6-11	I00000.
BLK-TKT-NO	X(07)	12-18	REBUILD.
BLK-TKT-DT	X(08)	19-26	TRNS-CD 762 BLK-TKT-DT.
TY-ACT-CD	X(01)	27	A (add).
MGR-RESR-REF-NO	X(15)	28-42	TRNS-CD 762 MGR-RESR-REF-NO.
CUST-ORD-NO	X(15)	43-57	TRNS-CD 762 CUST-ORD-NO.
DEPT	X(02)	58-59	Spaces.
YR	X(01)	60	Space.
BASIC SYMBOL	X(04)	61-64	Spaces.

ELEMENT	PIC	POSITION	VALUE ASSIGNED
LIMIT	X(04)	65-68	Spaces.
PY	X(01)	69	Space.
OA	X(02)	70-71	Spaces.
ASN	X(04)	72-75	Spaces.
AMS CD	X(11)	76-86	Spaces.
EOR	X(04)	87-90	Spaces.
JO-NO/APC	X(06)	91-96	Spaces.
FSN	X(06)	97-102	Spaces.
BILL-TO-JO-NO	X(06)	103-108	S2K.FUND BILL-TO-JO-NO.
BILL-TO-EOR	X(04)	109-112	S2K.FUND BILL-TO-EOR.
BILL-TO-OBLG-REF-NO	X(18)	113-130	S2K.FUND BILL-TO-OBLG-REF-NO.
BILL-TO-COST-CEN-MGR	X(06)	131-136	S2K.FUND BILL-TO-COST-CEN-MGR.
BILL-TO-COMT-REF-NO	X(14)	137-150	S2K.FUND BILL-TO-COMT-REF-NO.
BILL-TO-SUB-JO-NO	X(08)	151-158	S2K.FUND BILL-TO-SUB-JO-NO.
BILL-TO-IFS-DOCU-NO	X(18)	159-176	S2K.FUND BILL-TO-IFS-DOCU-NO.
FILLER	X(124)	177-300	Spaces.

e. Reports. The process produces two output reports.

(1) Order Write Down Report, PCN B67AXXG184R. This report provides the results of the order writedown process.

(a) This report is always produced whether the DAKHALB01-1936 switch in the SOMAUNIQ file equals Y, N, or 1.

(b) The report is sorted by CMD-DSG, operating agency, appropriation symbol, allotment, AMS code, reimbursable source code, cost center manager, manager resource reference number, and program budget resource reference number. For each sorted record, the report displays the sorted data elements, along with the current orders received cumulative from inception, the order adjustment amount, and the new order value. The new order value on the report is the difference between the orders received cumulative from inception and the order adjustment amount.

(c) There are three parts to this report applicable to the sort criteria. Part I displays all records that were written down by the writedown process. Part II is applicable to reimbursable source codes C00, D00, and F00 and displays information on orders that should be written up. The system does not automatically write up these orders. Part III shows all reimbursable records that were bypassed for adjustment because either the obligation or earnings value contained in the file was negative. No adjustments were made to these records. Manual adjustments should be made to correct the file condition.

* (2) SOMARDS Suspected Problem Report, PCN B67AXXJ194R. This report provides user personnel with records that did not update the SOMARDS database because the reimbursable record could not be found for the selected resource record. Error code A01 is displayed on the report.

3.2.3.34 System ID 1937, SOMARDS History File Update. System ID 1937 is an as-required process that writes commitment, obligation, and advance records that were purged from the S2K.FUND file in System 1925 to the S2K.HIST file. This System ID also writes resource, reimbursable, and military contract labor records that were purged from the S2K.FUND file in System ID 1945 to the S2K.HIST file.

a. Commitment records purged in System ID 1925 are written to File ID MAKHCZB01. System ID 1937 writes those records from the File ID to the S2K.HIST file.

(1) Each time that System ID 1937 is executed, the system checks to see whether each commitment key record that exists on File ID MAKHCZB01 already exists in the S2K.HIST file. If the key to the record (COMT-REF-NO) does not already exist in the file, then the system will add it to the file as a C625 level record (COMT-KEY-RECORD). The values that exist in the numeric dollar fields of the commitment key record will be moved to the new COMT-KEY-RECORD.

(2) If the key to the commitment key record does already exist in the file as a COMT-KEY-RECORD (C625), then the system will not add it to the file but will simply add the numeric dollar values that exist in the commitment key record on File ID MAKHCZB01 to the corresponding dollar fields of the existing COMT-KEY-RECORD.

b. Obligation records purged in System ID 1925 are written to File ID MAKHCZB01. System ID 1937 writes those records from the File ID to the S2K.HIST.

(1) Each time that System ID 1937 is executed, the system checks to see whether each obligation summary record that exists on File ID MAKHCZB01 already exists in the S2K.HIST file. If the key to the summary record (JO-NO/EOR/OBLG-REF-NO/ACRN/CLIN/OBLG-TY-CD/PROD-IND) does not already exist in the file, then the system will add it to the file as a C925 level record (OBLG-SUM-RECORD). The values that exist in the numeric dollar fields of the obligation summary record will be moved to the new OBLG-SUM-RECORD.

(2) If the key to the obligation summary record does already exist in the file as an OBLG-SUM-RECORD (C925), then the system will not add it to the file but will simply add the numeric dollar values that exist in the obligation header record on File ID MAKHCZB01 to the corresponding dollar fields of the existing OBLG-SUM-RECORD.

c. Advance records purged in System ID 1925 are written to File ID MAKHCZB01. System ID 1937 writes those records from the File ID to the S2K.HIST file.

(1) Each time that System ID 1937 is executed, the system checks to see whether each advance summary record that exists on File ID MAKHCZB01 already exists in the S2K.HIST file. If the key to the summary record (ADV-OBLG-REF-NO) does not already exist in the file, then the system will add it to the file as a C1350 level record (ADV-SUM-RECORD). The values that exist in the numeric dollar fields of the advance summary record will be moved to the new ADV-SUM-RECORD.

(2) If the key to the advance summary record does already exist in the file, then the system will not add it to the file but will simply add the numeric dollar values that exist in the advance summary record on File ID MAKHCZB01 to the corresponding dollar fields of the existing ADV-SUM-RECORD.

d. Resource records purged in System ID 1945 are written to File ID AAKLAYB01. System ID 1937 writes those records from the File ID to the S2K.HIST file.

(1) Each time that System ID 1937 is executed, the system checks to see whether each resource key record that exists on File ID AAKLAYB01 already exists in the S2K.HIST file. If the key to the record (MGR-RESR-REF-NO) does not already exist in the file, then the system will add it to the file as a C300 level record (RESR-KEY-RECORD). The values that exist in the numeric dollar fields of the resource key record will be moved to the new RESR-KEY-RECORD.

(2) If the key to the resource key record does already exist in the file, then the system will not add it to the file but will simply add the numeric dollar values that exist in the resource key record on File ID AAKLAYB01 to the corresponding dollar fields of the existing RESR-KEY-RECORD.

e. Reimbursable resource records purged in System ID 1945 are written to File ID AAKLAYB01. System ID 1937 writes those records from the File ID to the S2K.HIST file.

(1) Each time that System ID 1937 is executed, the system checks to see whether each reimbursable key record that exists on File ID AAKLAYB01 already exists in the S2K.HIST file. If the key to the record (REIMB-CUST-ORD-NO) does not already exist in the file, then the system will add it to the file as a C1400 level record (REIMB-KEY-RECORD). The values that exist in the numeric dollar fields of the reimbursable key record will be moved to the new REIMB-KEY-RECORD.

(2) If the key to the record (REIMB-CUST-ORD-NO) does already exist in the file, then the system will not add it to the file but will simply add the numeric dollar values that exist in the resource key record on File ID AAKLAYB01 to the corresponding dollar fields of the existing REIMB-KEY-RECORD.

f. Military labor contract records purged in System ID 1945 are written to File ID AAKLAYB01. System ID 1937 writes those records from the File ID to the S2K.HIST file.

(1) Each time that System ID 1937 is executed, the system checks to see whether each military labor contract record that exists on File ID AAKLAYB01 already exists in the S2K.HIST file. If the key to the record (JO-MIL-LBR-SUB-JO-NO/JO-MIL-LBR-COST-CEN-MGR) does not already exist in the file, then the system will add it to the file as a C1375 level record (MIL-LBR-CONTR-RECORD). The values that exist in the numeric dollar fields of the each military labor contract record will be moved to the new MIL-LBR-CONTR-RECORD.

(2) If the key to the military labor contract does already exist in the file as an MIL-LBR-CONTR-RECORD (C1375), then the system will not add it to the file but will simply add the numeric dollar values that exist in the obligation header record on File ID AAKLAYB01 to the corresponding dollar fields of the existing MIL-LBR-CONTR-RECORD.

*   g. Each time that System ID 1937 is executed, the system checks to see whether the system date is between 26 Sep and 15 Oct. When the system date is between 26 Sep and 15 Oct the system changes the values of COMT-FYTD (C640), COMT-OBLG-FYTD (C641), COMT-EXP-FYTD (C642), COMT-DISB-FYTD (C643), OBLG-FYTD (C949), EXP-FYTD (C950), and DISB-FYTD (C951) in S2K.HIST to zero.

3.2.3.35 System ID 1939, Yearend Program Fund Write-down. System ID 1939 reads and modifies records in the S2K.GNLR at year-end. Dollar balances in specific accounts in the S2K.GNLR are closed. Reports are produced after the closing entries have been made.

a. Dollar balances in specific accounts in the S2K.GNLR are closed into other accounts in this System ID. The following closing entries are made in this System ID by transferring the GL-CUM-BAL from the account being closed to the GL-CUM-BAL of the transferred to account:

Closed From GL-ACCT-NO	Closed To GL-ACCT-NO
332800	331800
332100	331110
332200	331200
332300	331300
See note 1	332800
See note 2	332100
See note 3	332200
See note 4	332300
101100	101300
101110	101310
101200	101300
101210	101310
101400	101300
101440	101310
101500	101300
101540	101310
See note 5	
See note 6	
See note 7	
See note 8	
493100	458010
494100 See note 9	458100 (and 459100, if necessary)
494300	459100
425300	422100
425400	422200
432100	433000
432200	433000
222100 See note 10	323100
222200 See note 11	323100
322000 See note 12	321300
322000 See note 13	321400
322000 See note 14	310000
323100 See note 15	310000
323100 See note 16	321400

Note 1. All GL-ACCT-NOs with a first position of 5, 6, and 7 are closed to this account when the record's APROP-SYM does not equal 4528, 4930 or 8*** (first pos of the APROP-SYM equals 8).

Note 2. All GL-ACCT-NOs with a first position of 5, 6, and 7 are closed to this account when the record's APROP-SYM equals 4930.

Note 3. All GL-ACCT-NOs with a first position of 5, 6, and 7 are closed to this account when the record's APROP-SYM equals 4528.

Note 4. All GL-ACCT-NOs with a first position of 5, 6, and 7 are closed to this account when the record's APROP-SYM equals 8*** (first pos of the APROP-SYM equals 8).

Note 5. This adjusting entry is required when the record's APROP-SYM does not equal 4930. First, the GL-CUM-BAL of GL-ACCT-NOs 231100 and 231200 are added to the GL-CUM-BAL of GL-ACCT-NO 101300. Second, the GL-CUM-BAL of GL-ACCT-NOs 231100 and 231200 are multiplied by -1 and added to the GL-CUM-BAL of GL-ACCT-NO 101400.

Note 6. This adjusting entry is required when the record's APROP-SYM equals 4930. First, the GL-CUM-BAL of GL-ACCT-NOs 231100 and 231200 are added to the GL-CUM-BAL of GL-ACCT-NO 101310. Second, the GL-CUM-BAL of GL-ACCT-NOs 231100 and 231200 are multiplied by -1 and added to the GL-CUM-BAL of GL-ACCT-NO 101440.

Note 7. This adjusting entry is required when the record's APROP-SYM does not equal 4930. First, the GL-CUM-BAL of GL-ACCT-NOs 141100, 141200, 141400, 141500, 131500, and 131600 are added to the GL-CUM-BAL of GL-ACCT-NO 101300. Second, the GL-CUM-BAL of GL-ACCT-NOs 141100, 141200, 141400, 141500, 131500, and 131600 are multiplied by -1 and added to the GL-CUM-BAL of GL-ACCT-NO 101500.

Note 8. This adjusting entry is required when the record's APROP-SYM equals 4930. First, the GL-CUM-BAL of GL-ACCT-NOs 141100, 141200, 141400, 141500, 131500, and 131600 are added to the GL-CUM-BAL of GLAC 101310. Second, the GL-CUM-BAL of GL-ACCT-NOs 141100, 141200, 141400, 141500, 131500, and 131600 are multiplied by -1 and added to the GL-CUM-BAL of GL-ACCT-NO 101540.

Note 9. The GL-CUM-BAL of GL-ACCT-NO 494100 is closed to the GL-CUM-BAL of GL-ACCT-NO 458100 and, if necessary, to GL-ACCT-NO 459100. The dollar values closed to each account depends on the summarized GL-CUM-BAL in GL-ACCT-NOs 423100, 423300, and 425100. The GL-CUM-BAL of these GL-ACCT-NOs (423100, 423300, and 425100) are added together to establish a floor value. This floor value is the minimum dollar amount that must remain in the GL-CUM-BAL of GL-ACCT-NO 458100 after GL-ACCT-NO 494100 is closed into it. Any amount that exceeds this minimum dollar amount is closed to GL-ACCT-NO 459100.

Note 10. Before the GL-CUM-BAL of GL-ACCT-NO 222100 is closed into GL-ACCT-NO 323100, a new program summary record is built in the S2K.GNLR. The new GL-PROG-CON-KEY will be the previously existing PROG-CON-KEY except the PROG-YR (if PROG-YR does not equal XX) field within the GL-PROG-CON-KEY is incremented by 1. Within the new summary record, GL-ACCT-NO 222100 will exist with its previously existing GL-CUM-BAL. In addition, a new GL-ACCT-NO is established, 322000, which will consist of the GL-CUM-BAL of GL-ACCT-NO 222100 multiplied by –1.

Note 11. Before the GL-CUM-BAL of GL-ACCT-NO 222200 is closed into GL-ACCT-NO 323100, a new program summary record is built in the S2K.GNLR. The new GL-PROG-CON-KEY will be the previously existing PROG-CON-KEY except the PROG-YR (if PROG-YR does not equal XX) field within the GL-PROG-CON-KEY is incremented by 1. Within the new summary record, GL-ACCT-NO 222200 will exist with its previously existing GL-CUM-BAL. In addition, a new GL-ACCT-NO is established, 322000, which will consist of the GL-CUM-BAL of GL-ACCT-NO 222100 multiplied by –1.

Note 12. If the record's APROP-SYM equals 0804 or 4116, GL-ACCT-NO 322000 is closed into GL-ACCT-NO 321300.

Note 13. If the record's APROP-SYM equals 8242, GL-ACCT-NO 322000 is closed into GL-ACCT-NO 321400.

Note 14. If the record's APROP-SYM does not equal 0804, 4116, or 8242, GL-ACCT-NO 322000 is closed into GL-ACCT-NO 310000.

Note 15. If positions 1-3 of the record's APROP-SYM equals 203, GL-ACCT-NO 323100 is closed into GL-ACCT-NO 310000.

Note 16. If the record's APROP-SYM equals 8242, GL-ACCT-NO 323100 is closed into GL-ACCT-NO 321400.

b. After all closing entries are made, System ID 1939 generates two reports.

(1) General Ledger Trial Balance, PCN B67AXXF004M. This report provides the status of all general ledger account data for the beginning of the fiscal year by opening balance, current month balance, and cumulative from inception balance.

(2) SOMARDS Trial Balance Submissions, PCN B67AXXI084M. The process provides card image layouts of the detail and control lines of the trial balance submitted to DFAS. The detail lines consist of the card images of the summary section of the general ledger trial balance for all general ledger account records and their cumulative balances. Three general ledger account numbers and their respective balances can be included on one detail line of the report. A summary total of the cumulative balances of the general ledger account are accumulated and are included in the control line of the report.

3.2.3.36 System ID 1940, Yearly Program Fund Write-down. The purpose of the yearly program and fund writedown is to move unobligated funds from each resource level record back to its ancestor program level record in the S2K.FUND file when the program year of funds is expiring.

a. The process checks all S2K.FUND file resource records to determine whether a record's program year is expiring. A record is considered expiring when the resource expired year is less than or equal to the expired year in the SOMATBLS APROP-ASN-RECORD.

b. For expiring records, a comparison is made between the commitment and funds values. If the values are different, the funds are adjusted to equal commitments. A comparison is also made between the commitment and program values, which if different, are also adjusted. If the record is not a detail manager resource record (MGR-RESR-REF-REC does not equal Y or D), the parent fund program record is adjusted accordingly.

(1) Resource Level Records. If a program year is expiring, System ID 1940 processes each resource level (C300) in the S2K.FUND file based on the value in MGR-RESR-REF-REC.

(a) If the MGR-RESR-REF-REC equals Y or D, the system computes a funds adjustment amount as ((RESR-QTRLY-FUND-CFI minus RESR-QTRLY-FUND-NM) minus (RESR-COMT-CFI minus RESR-COMT-NM)) and a program adjustment amount ((RESR-ANL-PROG-CFI minus RESR-ANL-PROG-NM) minus (RESR-COMT-CFI minus RESR-COMT-NM)). If the program and funds adjustment amounts are not equal to zero, these fields at the resource level are updated by the corresponding calculation.

RESR-QTRLY-FUND-CFI	=	RESR-QTRLY-FUND-CFI minus funds adjustment amount
RESR-QTRLY-FUND-FYTD	=	RESR-QTRLY-FUND-FYTD minus funds adjustment amount
RESR-QTRLY-FUND-CRM	=	RESR-QTRLY-FUND-CRM minus funds adjustment amount
UNCOMT-QTRLY-FUND-CFI	=	RESR-QTRLY-FUND-CFI minus RESR-COMT-CFI
RESR-ANL-PROG-CFI	=	RESR-ANL-PROG-CFI minus program adjustment amount

(b) If the MGR-RESR-REF-REC does not equal Y or D, the system computes a funds adjustment amount ((RESR-QTRLY-FUND-CFI minus RESR-QTRLY-FUND-NM) minus (RESR-COMT-CFI minus RESR-COMT-NM)) and a program adjustment amount ((RESR-ANL-PROG-CFI minus RESR-ANL-PROG-NM) minus (RESR-COMT-CFI minus RESR-COMT-NM). If the program and funds adjustment amounts are not equal to zero, these fields at the resource level are updated by the corresponding calculation.

RESR-QTRLY-FUND-CFI	=	RESR-QTRLY-FUND-CFI minus funds adjustment amount
RESR-QTRLY-FUND-FYTD	=	RESR-QTRLY-FUND-FYTD minus funds adjustment amount
RESR-QTRLY-FUND-CRM	=	RESR-QTRLY-FUND-CRM minus funds adjustment amount
UNDISTR-QTRLY-FUND-CFI	=	updated as zero dollars
UNCOMT-QTRLY-FUND-CFI	=	RESR-QTRLY-FUND-CFI minus RESR-COMT-CFI
RESR-ANL-PROG-CFI	=	RESR-ANL-PROG-CFI minus program adjustment amount
RESR-UNDISTR-PROG-CFI	=	updated as zero dollars

(2) Program Level (C0) Records. System ID 1940 also processes each program level (C0) in the S2K.FUND file for each resource level record qualified to be adjusted in this System ID. The system also updates the corresponding program level record as follows:

(a) If the funds adjustment amount is not equal to zero, these fields at the program level are updated by the corresponding calculation.

UNDISTR-QTRLY-FUNDS   = UNDISTR-QTRLY-FUNDS plus funds adjustment amount
DISTR-QTRLY-FUNDS-FYTD = DISTR-QTRLY-FUNDS-FYTD minus funds adjustment amount
DISTR-QTRLY-FUNDS-CFI   = DISTR-QTRLY-FUNDS-CFI minus funds adjustment amount

(b) If the program adjustment amount is not equal to zero, these fields at the program level are updated by the corresponding calculation.

UNDISTR-ANL-PROG   = UNDISTR-ANL-PROG plus program adjustment amount
DISTR-ANL-PROG-CFI   = DISTR-ANL-PROG-CFI minus program adjustment amount

c. This System ID should be run one time each year at year-end. System ID 1935 must be run before System ID 1940 is executed. Output transactions generated by System ID 1940 are written to File ID DAKHALB01 and processed in System ID 1918.

(1) When program and funds are adjusted for a program budget/manger resource split type record, TRNS-CD 215 (Manager Resource, Direct Army, Funded and Automatic Reimbursable) is generated and written to output File ID DAKHALB01 (Valid/Invalid DTR Transactions) as input to System ID 1918.

(2) When program and funds are adjusted for a manager resource type record, TRNS-CD 110 (Program and Funds-Budget Resource, Direct Army) is generated and written to output File ID DAKHALB01 (Valid/Invalid DTR Transactions) as input to System ID 1918.

3.2.3.37 System ID 1942, Yearly Rebuild. This year-end only System ID performs two separate functions that condition the SOMARDS database for the next fiscal year. These functions are as follows:

a. Yearly Decade Rebuild. This process creates new records with unique keys in the S2K.FUND, S2K.HIST, and SOMALJOR files that are over 10 years old, that could otherwise be duplicated through the year-end rebuild processes. It removes any old record after moving all of the dollar values from the old records to the new ones.

(1) This System ID will rebuild records if the following conditions are true:

(a) SYS-DECADE-CHG-CD field in the SOMAUNIQ file contains a value.

*   (b) Position 3 of the MGR-RESR-REF-NO in the S2K.FUND file plus 9 equals position 4 of the SYS-CURR-FY in the SOMAUNIQ file.

(c) ORIG-PROG-YR in the S2K.FUND file plus 9 equals the SYS-CURR-FY in the SOMAUNIQ file.

(2) When the above conditions are true, the system rebuilds records in the S2K.FUND file by moving the value in SYS-DECADE-CHG-CD field from the SOMAUNIQ file to the following fields:

(a) Position 3 of MGR-RESR-REF-NO in the resource record.

*   (b) Position 3 of PROG-BUD-RESR-REF-NO in the resource record, when it equals MGR-RESR-REF-NO or when it was changed in a related resource record in the S2K.FUND file.

(c) If the resource record's TY-FIN-CD equals 2 or 6:

[1] Position 3 of each REIMB-MGR-RESR-REF-NO in each descendant reimbursable record.

[2] Position 9 of each OPN-BILL-CONCAT-KEY in each descendant open billed record.

*   (d) Position 1 of JO-NO in each descendant job order record and position 1 of BULK-JO-NO, SB-JO-NO, DECOMT-JO-NO and DECOMT-JO-NO-OFFSET when it equals position 1 of the JO-NO.

(e) Position 1 of ADV-CONCAT-KEY in each descendant advance program record.

(f) Position 1 of JO-NO-PHANTOM-KEY in each descendant job order phantom record.

*   (g) Position 3 of COMT-REF-NO in each descendant commitment record, if the following conditions are true:

[1] COMT-REF-NO is 10 positions in length.

[2] Position 3 of COMT-REF-NO matches position 3 of MGR-RESR-REF-NO.

[3] COMT-INFACE-CD equals 'C' or COMT-ORD-TY equals '$.'

*   (h) Position 1 of COMT-REF-NO in each descendant commitment record, if the following conditions are true:

[1] COMT-REF-NO is 9 positions in length.

[2] Positions 1-6 of COMT-REF-NO equal the JO-NO value.

[3] Positions 7-9 of COMT-REF-NO equal 'GBL' or 'RQN.'

(i) Position 1 of EOR-CONCAT-KEY in each descendant EOR record.

(j) Position 2 of OBLG-CONCAT-KEY in each descendant obligation key record.

(k) Position 1 of OBLG-JO-NO in each descendant obligation key record.

*   (l) MISC-COMT-REF-NO in each descendant miscellaneous obligation detail record, if the corresponding COMT-REF-NO was changed in the commitment record.

*   (m) CONTR-COMT-REF-NO in each descendant contract obligation detail record, if the corresponding COMT-REF-NO was changed in the commitment record.

*   (n) LBR-COMT-REF-NO in each descendant labor obligation detail record, if the corresponding COMT-REF-NO was changed in the commitment record.

*   (o) RQN-COMT-REF-NO in each descendant requisition obligation detail record, if the corresponding COMT-REF-NO was changed in the commitment record.

*   (p) TVL-COMT-REF-NO in each descendant travel obligation detail record, if the corresponding COMT-REF-NO was changed in the commitment record.

(3) When the following conditions are true, the system rebuilds the following records in the S2K.HIST file by moving the value in SYS-DECADE-CHG-CD field from the SOMAUNIQ file to the following fields:

(a) Position 3 of the MGR-RESR-REF-NO field in the resource record, when the corresponding record in the S2K.FUND file is changed.

*   (b) Position 3 of PROG-BUD-RESR-REF-NO in the resource record, if it equals MGR-RESR-REF-NO or if it was changed in a related resource record in the S2K.HIST file.

*   (c) Position 1 of JO-NO in each descendant job order record.

*   (d) Position 3 of COMT-REF-NO in each descendant commitment record, if the following conditions are true:

[1] COMT-REF-NO is 10 positions in length.

[2] Position 3 of COMT-REF-NO matches position 3 of MGR-RESR-REF-NO.

[3] COMT-INFACE-CD equals 'C' or COMT-ORD-TY equals '$.'

*   (e) Position 1 of COMT-REF-NO in each descendant commitment record, if the following conditions are true:

[1] COMT-REF-NO is 9 positions in length.

[2] Positions 1-6 of COMT-REF-NO equal the JO-NO value.

[3] Positions 7-9 of COMT-REF-NO equal 'GBL' or 'RQN.'

*   (f) Position 1 of OBLG-SUM-CONCAT-KEY in each descendant obligation summary record.

*   (g) Position 1 of OBLG-JO-NO in each descendant obligation summary record.

*   (h) OBLG-COMT-REF-NO in each descendant obligation summary record, if the corresponding COMT-REF-NO was changed in the commitment record.

*   (4) When a job order record is rebuilt in the S2K.FUND file, the corresponding job order record is rebuilt in the SOMALJOR file by moving the value in SYS-DECADE-CHG-CD field in the SOMAUNIQ file to position 1 of JO-NO. In addition, the BULK-JO-NO from the S2K.FUND file will be moved to the BULK-JO-NO field in the SOMALJOR and the MGR-RESR-REF-NO from the S2K.FUND file will be moved to the JO-MGR-RESR-REF-NO field in the SOMALJOR for any JO-LBR-RECORD changed. Any JO-DEFLT-RECORD and JO-SSAN record in the SOMALJOR where the JO-NO was changed will be deleted.

*   (5) Each time that a commitment record is changed in the S2K.FUND file where the COMT-INFACE-CD equals 'C,' a record is written to File ID DAH9AAF01 to the COPS interface.

*   (6) Each time that a commitment record is changed in the S2K.FUND file where the COMT-ORD-TY-CD equals '$,' a record is written to File ID DAFH07B02 to the MDMS interface.

    b. Yearly Rebuild Finance. The purpose of this process is to rebuild, in the SOMARDS database, those records that are coded to be rebuilt for the next fiscal years' processing, as well as those that must be rebuilt (to be used for labor, switch block, or automatic decommitment processing) regardless of the value in the rebuild code.

    (1) This process first examines each record in the SOMATBLS file that represents a standard labor default job order record (positions 1-3 equal 824). The system ensures that the job order record referenced as the DEFLT-JO-NO is rebuilt along with each of its ancestor records in the SOMARDS database. The system next rebuilds each record in the database as well as each of its corresponding ancestor records if the record is coded to be rebuilt and the records' PROG-YR equals the value that exists in the SYS-CURR-FY field in the SOMAUNIQ file.

    (2) For each program level record in the S2K.FUND file, the process rebuilds the record in the S2K.FUND file if the records' PROG-REBLD-CD field equals R.

(3) The new program level record is rebuilt by moving the identical values in each non-dollar field from the old record being rebuilt to the new record except that the program year of the new record is incremented by one to indicate the next fiscal year. This new record is built with .00 in each dollar field. The system also modifies the old record by moving an N to the PROG-REBLD-CD field once the newly rebuilt program record exists.

(4) For each resource level record in the S2K.FUND file, the process rebuilds the record in the S2K.FUND file if the records' PROG-REBLD-CD field equals R or if the resource record has an RESR-REBLD-CD equals R.

(5) The new resource level record is rebuilt by moving the identical values in each non-dollar field from the old record being rebuilt to the new record except that position 3 of the new records' MGR-RESR-REF-NO and PROG-BUD-RESR-REF-NO fields are incremented by one to indicate the next fiscal year. Additionally, the value in the new records' PROG-YR field is incremented by one. This new record is built with .00 in each dollar field. The system also modifies the old record by moving an N to the RESR-REBLD-CD field once the newly rebuilt resource record exists.

(6) For each job order level record in the S2K.FUND file, the process rebuilds the record in the S2K.FUND file and SOMALJOR file (if BULK-JO-CD does not equal B) if the records' JO-REBLD-CD field equals R.

(7) The new job order level record is rebuilt by moving the identical values in each non-dollar field from the old record being rebuilt to the new record except that position 1 of the new records' JO-NO field is incremented by one to indicate the next fiscal year and if the job order record that is being rebuilt is used in the SOMARDS labor process (indicated by the presence of an alphanumeric value in the JO-NO-COMT-REF-NO field), the system will also increment by one position 3 of the JO-NO-COMT-REF-NO field of the new record indicating the next fiscal year. Additionally, the system will rebuild a new commitment record in the S2K.FUND file where position 3 of the new commitment is incremented by one to indicate the next fiscal year.

(8) Each newly rebuilt job order record is built with .00 in each dollar field. The system also modifies the old record by moving an N to the JO-REBLD-CD field once the newly rebuilt program record exists.

3.2.3.38 System ID 1943, Medical Expense Performance Reporting System Extract. This as required System ID reads and extracts data from the SOMAUNIQ and S2K.FUND files as part of the MEPRS. This system is used to report month-to-date and year-to-date obligations and expenses, including military expenses. Resource level records are extracted when the operating agency equals 74 and the allotment serial number equals 7441 or 7445. When a resource record meets these criteria, the job order record and descendant contractor labor record and EOR record are extracted. This System ID produces both tape and hardcopy report.

a. MEPRS Extract Tape, File ID AK.AKNACB01. This file consists of a tape of extracted data that is available for user review.

b. Special Health Care Expense Report, PCN B67AXXK184R. This as-required report provides the MEPRS month to date and year to date expense and obligation data.

(1) Data are extracted from the S2K.FUND file for operating agency and allotment serial number.

(2) The sort is by CMD-DSG, the accounting classification, FCA, AMS, EOR, and source of funds.

(3) Summarized dollar totals are provided by two-position EOR, eight and six-position AMS, and one through five-position FCA codes.

3.2.3.39 System ID 1944, Yearend Labor File Rebuild. This System ID must be run twice at year-end in order to perform two separate functions that condition the SOMARDS database for the next fiscal year. The first time that this System ID is run, the value contained in the SYS-LBR-REBLD-DEL-CD must be R. During this first run of this process, the system will automatically change the value in the SYS-LBR-REBLD-DEL-CD field to a D to indicate to the system that the first part of this System ID has already been run. It should be noted that SOMARDS System ID 1942 must be run before this System ID is performed. The two functions that System ID 1944 performs are as follows:

a. Labor Rebuild (SYS-LBR-REBLD-DEL-CD = R).

(1) This process first reads each standard labor default record (pos 1-3 = 824) in the SOMATBLS file and increments by one the first position of each record's DEFLT-JO-NO field. Each standard labor default record in SOMATBLS must reference an existing job order record in the SOMALJOR file that is coded to be used for labor. The system builds a 16-byte SOMALJOR record in the SOMALJOR file with a 10-position key constructed as follows:

positions 1-6   =   JO-NO value contained in SOMATBLS record DEFLT-JO-NO field

positions 7-13   =   DEFAULT

positions 14-15 =   positions 1-2 of the value contained in the SOMATBLS record's DEFLT-JO-COST-CEN-MGR field

position 16   =   blank

Note. In the event that a referenced job order record does not exist in the SOMALJOR file, then this System ID ends abnormally.

(2) This process next reads each SSAN record in the S2K.LBRM file and increments by one the first position of each record's seven different referenced JO-NO fields that contain a value other than spaces (TDA-JO-NO, STD-JO-NO-1, STD-JO-NO-2, STD-JO-NO-3, LV-JO-NO-1, LV-JO-NO-2, and LV-JO-NO-3). Each JO-NO field that contains a value other than spaces in each SSAN record in the S2K.LBRM file must reference an existing job order record in the SOMALJOR file that is coded to be used for labor. The system then builds a 16-byte SOMALJOR record in the SOMALJOR file with a 10-position key constructed as follows:

positions 1-6   =   JO-NO value contained in SOMALBRM record JO-NO field

positions 7-15   =   the value contained in the EMP-SSAN field of the SOMALBRM record

position 16   =   a one-position code that represents the specific JO-NO field in the SOMALBRM record as follows:

                      TDA-JO-NO   = 0   LV-JO-NO-1 = 4
                      STD-JO-NO-1 = 1   LV-JO-NO-2 = 5
                      STD-JO-NO-2 = 2   LV-JO-NO-3 =6
                      STD-JO-NO-3 = 3

Note. In the event that one of the JO-NO fields in the rebuilt record does not contain a value of an existing job order record in the SOMALJOR file, then this process defaults to the JO-NO of the standard labor default record for the corresponding specific cost center manager referenced in the SOMATBLS record. Additionally, the system will print this record on a report that indicates those records where a default job order was used because of the non-existence of a referenced SOMALJOR record.

(3) This process next moves spaces to the CASH-AWD-JO-NO field of each SOMALBRM record where the existing value in that field does not already contain spaces.

b. Labor Delete (SYS-LBR-REBLD-DEL-CD = D). This process first reads the SOMAUNIQ file and determines the CURR-FY. It then removes from the SOMALJOR file all of those 16-byte records where position 4 of the JO-NO field = position 2 of the CURR-FY field. Additionally, the system moves spaces to the JO-NO-COMT-REF-NO, BULK-JO-NO, and LBR-ACT-CD fields of the corresponding 225-byte job order record in the SOMALJOR file record as well as removes the values contained in the JO-NO-COMT-REF-NO and BULK-JO-NO fields of the corresponding job order record in the S2K.FUND file.

c. Yearend Labor File Rebuild Report, PCN B67AXXG004A. System ID 1944 produces one report. This report displays those S2K.LBRM records that referenced job order records in the SOMALJOR file that were not rebuilt for next year's processing. The report displays the SSAN, the related S2K.LBRM file JO-NO element (TDA-JO-NO, STD-JO-NO-1, STD-JO-NO-2, STD-JO-NO-3, LV-JO-NO-1, LV-JO-NO-2, LV-JO-NO-3) that was updated with the SOMATBLS file standard labor default JO-NO, and the value that was updated to the S2K.LBRM file.

3.2.3.40 System ID 1945, Yearly Purge FC/EX File Process. This process reads records in the S2K.FUND file and purges selected records from the S2K.FUND and SOMALJOR files. It also writes selected records to File ID AAKLAYB01. This File ID is used to update the SOMARDS history file when System ID 1937 is executed.

a. When the following conditions are true, an EOR record is purged from the S2K.FUND file:

(1) RESR-PROG-YR = CCCC.

(2) APROP-SYM does not equal 8242.

(3) EOR-OBLG-CFI = EOR-EXP-CFI = EOR-DISB-CFI.

(4) Every FYTD field = 00.

(5) There are no descendant obligation records under this EOR record.

b. When the following conditions are true, a military contract labor record is purged from the S2K.FUND file and a record is written to File ID AAKLAYB01:

(1) RESR-PROG-YR = CCCC.

(2) APROP-SYM does not equal 8242.

(3) Every FYTD field = 00.

c. When the following conditions are true, an advance program record is purged from the S2K.FUND file:

(1) RESR-PROG-YR = CCCC.

(2) APROP-SYM does not equal 8242.

(3) PROG-ADV-CFI = PROG-ADV-RECOUP-CFI multiplied by -1.

(4) Every FYTD field = .00.

(5) There are no descendant advance summary records under this advance program record.

d. When the following conditions are true, a resource record and all of its descendant records are purged from the S2K.FUND and SOMALJOR files and a record is written to File ID AAKLAYB01:

(1) RESR-PROG-YR = CCCC.

(2) APROP-SYM does not equal 8242.

(3) RESR-TY-FIN-CD = 1.

(4) RESR-ANL-PROG-CFI = RESR-QTRLY-FUNDS-CFI = RESR-COMT-CFI = RESR-OBLG-CFI = RESR-EXP-CFI = RESR-DISB-CFI.

(5) RESR-QTRLY-FUNDS-FYTD = RESR-COMT-FYTD = .00.

(6) If MGR-RESR-REF-REC = A , C, D, or Y.

(a) No descendant commitment records exist in the S2K.FUND file under this resource record.

(b) No descendant EOR records exist in the S2K.FUND file under this resource record.

(c) No descendant advance program records exist in the S2K.FUND file under this resource record.

(d) No descendant military contract labor records exist in the S2K.FUND file under this resource record.

(e) No descendant job order records with a value in JO-NO-COMT-REF-NO exists in the S2K.FUND file under this resource record.

e. When the following conditions are true, a resource record and all of its descendant records are purged from the S2K.FUND and SOMALJOR files and a record is written to File ID AAKLAYB01:

(1) RESR-PROG-YR = CCCC.

(2) APROP-SYM does not equal 8242.

(3) RESR-TY-FIN-CD = 2 or 6.

(4) If MGR-RESR-REF-REC = N, S, or Z.

(a) RESR-ANL-PROG-CFI = RESR-QTRLY-FUNDS-CFI = RESR-COMT-CFI = RESR-OBLG-CFI = RESR-EXP-CFI = RESR-DISB-CFI.

(b) RESR-QTRLY-FUNDS-FYTD = RESR-COMT-FYTD = .00.

(5) If MGR-RESR-REF-REC = A , C, D, or Y.

(a) RESR-ANL-PROG-CFI = RESR-QTRLY-FUNDS-CFI = RESR-COMT-CFI = RESR-OBLG-CFI = RESR-EXP-CFI = RESR-DISB-CFI.

(b) No descendant commitment records exist in the S2K.FUND file under this resource record.

(c) No descendant EOR records exist in the S2K.FUND file under this resource record.

(d) No descendant job order record with a value in JO-NO-COMT-REF-NO exists in the S2K.FUND file under this record.

(e) For every descendant reimbursable record.

[1] ORD-REC-CFI = REIMB-EARN-CFI = REIMB-BILL-CFI = REIMB-COLL-CFI = RESR-ANL-PROG-CFI = RESR-QTRLY-FUNDS-CFI = RESR-COMT-CFI = RESR-OBLG-CFI = RESR-EXP-CFI = RESR-DISB-CFI.

[2] ORD-REC-FYTD = REIMB-EARN-FYTD = REIMB-BILL-FYTD = REIMB-COLL-FYTD = REIMB-TRF-FYTD = .00.

[3] COMPLETION-CD must = A.

[4] BILL-STAT-CD must = F.

[5] For every descendant reimbursable advance record.

[a] REIMB-ADV-REC-CFI = REIMB-ADV-USED-CFI.

[b] REIMB-ADV-REC-FTYD = REIMB-ADV-USED-FYTD = .00.

[6] For every descendant open billed record, OPN-BILL-BAL = OPN-BILL-BAL-NM = .00.

[7] For every descendant reimbursable unfunded record, MIL-LBR-ENL-CRM = UNFND-CEIL-NM = MIL-LBR-OFC-NM = MIL-LBR-ENL-NM = MIL-UNFND-BENE-NM = UNFND-CIV-RET-NM = MIL-LBR-OFC-TO-BE-BILL = MIL-LBR-ENL-TO-BE-BILL = MIL-UNFND-BEN-TO-BE-BILL = UNFND-CIV-RET-TO-BE-BILL = AST-USE = AST-USE-TO-BE-BILL = .00.

3.2.3.41 System ID 1946, Year End File Merge Process. For this process to run, the SYS-OPEN-PERIOD-CD in the SOMAUNIQ file must equal Q or N and, if it is an N, the SYS-MON-CD in the SOMAUNIQ file must be an A or B. This process reads the S2K.FUND file and, using the EXPR-YRs listed by APROP and LIMIT in the APROP-ASN-RECORD in the SOMATBLS file, determines which program and descendant records qualify to be closed.

*   a. When the SYS-OPEN-PERIOD-CD equals Q (year-end processing), if the record's RESR-PROG-YR from the S2K.FUND file is equal to or less than the AA-EXPR-YR from the APROP-ASN-RECORD minus four, then the record qualifies to be closed in the S2K.FUND file.

*   b. When the SYS-OPEN-PERIOD-CD equals N (normal period processing), if the record's RESR-PROG-YR from the S2K.FUND file is equal to or less than the AA-EXPR-YR from the APROP-ASN-RECORD minus five, then the record qualifies to be closed in the S2K.FUND file.

c. When a program level record in the S2K.FUND file qualifies to be closed, it and all its descendant manager resource records in the S2K.FUND file are appropriately changed. In addition, the corresponding job order record in the SOMALJOR is marked as closed. Also, the appropriate program level record in the S2K.GNLR file is located, and it and all of its descendant records are removed from the file. Resource level records in the S2K.FUND file and job order records in the SOMALJOR file that are marked as closed are read by System ID 1945 which purges these records from the appropriate files. The S2K.FUND and SOMALJOR files are changed in this process as follows:

(1) The program level record's PROG-YR field in the S2K.FUND file is changed to CCCC (indicates the record is closed).

(2) The resource level record's RESR-PROG-YR field in the S2K.FUND file is changed to CCCC.

(3) The corresponding job order record in the SOMALJOR file is affected as follows:

(a) The JO-PROG-YR-2 field is changed to CC.

(b) The JO-PROG-YR-4 field is changed to CCCC.

3.2.3.42 System ID 1947, Bill Number File Print. This process produces a hardcopy output report from the data contained on the SOMABILL file.

a. SOMARDS Bill Number File Print, PCN B67AXXI114R. This report provides a listing of all records contained in the SOMABILL file. The SOMABILL contains two record types, the bill header record and the bill detail record. There is only one bill header record for each bill number. There can be one or many bill detail records for each bill header record. The records contained in the SOMABILL are those that have been created when reading the System ID 1962 input billing file and have not been removed during the System ID 1962 interface process.

(1) This report sorts all the records by the record key. The record key for both the bill header and bill detail records is CMD-DSG, bill number, record type and sequence number. A record counter is listed with each bill header record. Therefore, the record counter for the last bill header record is the total number of bills for a CMD-DSG.

(2) All elements of the SOMABILL bill header and bill detail records are listed on the report. The bill header record lists the record key and the total bill amount. The bill detail record lists the record key, appropriation symbol, job order, cost center manager, commitment reference number, EOR, disbursing station symbol number, disbursement final or partial code, document identifier code (DIC), and action amount.

b. This process can be run on an as-required basis.

3.2.3.43 System ID 1948, Standard Operations and Maintenance Army Disbursing Officer Voucher Number Table. This process produces a hardcopy output report from the data contained on the SOMADOVT file.

a. SOMARDS Disbursing Officer Voucher Number Table Print, PCN B67AXXI094R. This report provides a listing of all disbursing officer voucher number records contained in the SOMADOVT. These records are those that have been entered in the SOMADOVT by the input of BILL-NO/DOV-NO BUILD (TRNS-CD 820) and have not been removed during the System ID 1962 interface process.

(1) This report sorts the records by the record key and lists all elements of the SOMADOVT. The record key is CMD-DSG and bill number. The elements listed are the record key, total bill amount, disbursing officer voucher number and date, and block ticket number and date.

(2) The last line of the report provides a record counter. This record counter is a total of all disbursing officer voucher number records for a CMD-DSG.

b. This process can be run on an as-required basis.

3.2.3.44 System ID 1951, Standard Operations and Maintenance Army Element of Resource Formatted File Print. This System ID uses data contained on the SOMASEOR and SOMAUNIQ files to produces a hardcopy output report.

a. SOMARDS/STANFINS Element of Resource File Print, PCN B67AXXL074R. The process prepares a print of the SOMASEOR file that is a summarized version of the DCPS/Standard Financial System (STANFINS) EOR file. Report data are displayed and sorted by WORK-SCHED, TEMP-POS, CIVILIAN-TY, EMPLOYEE-TYPE-CD, TY-HRS, and EOR. An asterisk appearing under the employee type code column of the report indicates that all civilian types are applicable to the combination of elements and EOR listed. A count of the total number of records in the file is provided on the report.

b. This process can be run as required.

3.2.3.45 System ID 1953, Standard Operations and Maintenance Army Tables Formatted File Print.
This System ID produces a hardcopy output report from data contained on SOMATBLS and SOMAUNIQ files.

a. SOMARDS Tables Print, PCN B67AXXG294R. This report provides a listing of each SOMATBLS record that exists in the file at any given point in time. These records and their related transaction codes are: FCA, appropriation symbol and allotment serial number record (803), management decision package record (804), disbursing station symbol number record (806), civilian type record (815), unit identification code record (816), country code record (817), reimbursable source code record (818), reimbursable address record (819), DCPS (822), standard labor default job order record (824), test resource management system number record (839), operating agency and cost center manager record (863), and reimbursable project account record (865).

b. The process can be run on an as-required basis.

3.2.3.46 System ID 1954, Integrated Facilities System Job Order File Update. This System ID only works for the test and evaluation community who prior to using SOMARDS had their own system interface with the IFS. That IFS interface is still in existence but now use the accounting information from SOMARDS.

a. Before any accounting can be performed against IFS applicable job orders, valid SOMARDS job orders must be passed to the IFS. An output file containing valid SOMARDS job orders is created each time this System ID is executed based on the SITE-CD from the SOMAUNIQ file, the unit identification code (UIC) from the S2K.FUND JOB-ORDER-RECORD, and the UIC and DPI-IFS codes identified in the SOMATBLS UIC-RECORD. The process will accommodate for the existence of more than one DPI-IFS. The DPI-IFS translates to a location code where the information should be file transferred upon completion of this process.

b. The process locates all S2K.FUND JOB-ORDER-RECORDS where the IFS-APPL-CD equals Y. It extracts and passes to an output file, the RESR-CMD-DSG and the APROP-SYM from the S2K.FUND RESOURCE-RECORD and the JO-NO, MDEP, FCA-CD, and MON-AMS-REPT-LVL from the S2K.FUND JOB-ORDER-RECORD. Though a six-position JO-NO is extracted from the S2K.FUND file, this element is moved to a 10-position JO-NO on the output file. The test and evaluation users will supplement the data by inserting additional information in positions 7-10 of the JO-NO field before the output file is passed to the IFS. Specifically, the process moves the following elements:

From S2K.FUND	Output File Element	Output File Length
JO-NO	JO-NO	X(10)
RESR APROP	APROP	X(04)
POS 1-6 of JO-MON-AMS-REPT-LVL	PROG-ELM-CD	X(06)
POS 7-11 of JO-MON-AMS-REPT-LVL	PROG-ACTV-ACCT	X(05)
JO-FCA-CD	FCA-CD	X(05)
JO-MDEP	MDEP	X(04)

c. This process is intended to run on a daily basis.

3.2.3.47 System ID 1955, Integrated Facilities System Micro/Mini Interface. The purpose of this interface is to pass integrated facilities costs posted in the SOMARDS accounting files to the IFS and to generate accounting transactions for material and service (M&S) costs. Input to this System ID comes from System IDs 1902, 1904, 1908, 1923, and 1918. The data elements passed are the CMD-DSG, IFS-DOCU-NO, JO-NO, SUB-JO-NO, COST-CEN-MGR, EOR, TASK-CD, SSAN, TY-LBR-CD, DOCU-DT, UNITS, HRS, OBLG-AMT, EXP-AMT, and APPL-IND. The APPL-IND identifies the System ID that originated the input. Output from this System ID goes to an IFS output file and to System ID 1916. SOMARDS data elements used are as follows:

File	Elements
SOMALJOR	JO-NO, UIC, and SITE-CD.
SOMATBLS	UIC-DPI-CD.
SOMALBCC	IFS-OFST-MAT-JO-NO, IFS-OFST-MAT-SUB-JO-NO, IFS-OFST-MAT-DOCU-NO, IFS-OFST-MAT-CCM, and IFS-SVC-ORD-MAT-RAT.
SOMAUNIQ	DSSN and MON-CD.

a. IFS Interface. Input data elements from other System IDs are sorted by CMD-DSG, IFS-DOCU-NO, JO-NO, SUB-JO-NO, COST-CEN-MGR, EOR, TASK-CD, SSAN, TY-HRS, and DOCU-DT. Only one output record is passed to the IFS where these data elements are the same. The corresponding UNITS HRS, OBLG-AMT, and EXP-AMT are summed for this like data.

(1) For each sorted and summed input record, the system attempts to locate the JO-NO in the SOMALJOR file. When the JO-NO is not found, the process will stop. The JO-NO must be valid when passed to the IFS. If the JO-NO is located, then the SITE-CD from that record is used in to determine what output file the data should be applied to for subsequent file transfer. The UIC is matched to the UIC in the SOMATBLS UIC-RECORD. When a match is found, then a file is built for that DPI-IFS. If the DPI-UIC equals spaces, then a file is built for DPI-IFS equal to spaces and all unmatched records will go to that default file. The output files are intended to be file transferred to IFS on a daily basis.

(2) The output file is built by moving input elements or assigning file values as shown below.

ELEMENT NAME	LENGTH	COLUMN	VALUE ASSIGNED
Technical Data Cost Element Code	X(01)	1	Spaces.
Work Phase Audit Debit Credit Indicator	X(01)	2	Spaces.
IFS Document Number	X(18)	3-20	Input IFS-DOCU-NO.
Work Phase Audit Work Date	X(11)	21-29	See note below.
Work Center	X(05)	30-34	Positions 3-5 of input COST-CEN-MGR.
Task Code	X(04)	35-38	Positions 1-4 of input TASK-CD when input is filled, otherwise spaces.
Task Unit	S9(03)	39-41	Input UNITS.
Work Phase Audit Expensed Hour	S9(06)V9	42-48	Input HRS.
Work Phase Audit Obligated Amount	S9(08)V99	49-58	Input OBLG-AMT when EOR equals 2500 series.
Work Phase Audit Expensed Amount	S9(08)V99	59-68	Input EXP-AMT.
Work Status Code	X(03)	69-71	CMP when position 5 of input TASK-CD equals 5, otherwise spaces.

ELEMENT NAME	LENGTH	COLUMN	VALUE ASSIGNED
Work Phase Audit Fund Unfund Indicator	X(01)	72	U when input EOR equals A411, otherwise F.
Type Labor Code	X(02)	73-74	Input TY-HRS.
Employee Number	X(09)	75-83	Input SSAN.
JO-NO	X(10)	84-93	Input JO-NO plus positions 1-4 of input SUB-JO-NO.
Element of Resource	X(04)	94-97	Input EOR.
Work Phase Audit Supply Document Number	X(14)	98-111	Spaces.

Note. The WORK-PH-AUD-WORK-DT is constructed as follows:

POSITIONS	VALUE ASSIGNED
1-2	Positions 7-8 of input DOCU-DT.
3	A dash (-).
4-6	Positions 5-6 of input DOCU-DT converted as:

01 = JAN	04 = APR	07 = JUL	10 = OCT
02 = FEB	05 = MAY	08 = AUG	11 = NOV
03 = MAR	06 = JUN	09 = SEP	12 = DEC

POSITIONS	VALUE ASSIGNED
7	A dash (-).
8-11	Positions 1-4 of input DOCU-DT.

    b. M&S Costs. The process determines if TRNS-CD 623 should be generated for M&S costs. This TRNS-CD is generated when incoming records from other System IDs have an IFS-DOCU-NO where position 15 equals R and input hours are not equal to zero.

    (1) The COST-CEN-MGR passed to this process from other System IDs is used to obtain the additional data elements required from the SOMALBCC to complete TRNS-CD 623. If the COST-CEN-MGR cannot be located, then error code 06 is assigned and this code along with the failing record will appear on the error report produced by this System ID.

    (2) If the COST-CEN-MGR is located, then the process examines the IFS-SVS-ORD-MAT-RAT. If this rate equals spaces or zeros, then error code 06 is assigned and it too will appear on the error report. If the rate does not equal spaces or zeros, then it is used to determine the SERV-MAT-COST. The SERV-MAT-COST is calculated as input HRS times the IFS-SVS-ORD-MAT-RAT.

    (3) The process needs the IFS-OFST-MAT-JO-NO, IFS-OFST-MAT-SUB-JO-NO, IFS-OFST-MAT-DOCU-NO, and IFS-OFST-MAT-CCM in order to generate an offset transaction. If either the IFS-OFST-MAT-JO-NO or IFS-OFST-MAT-DOCU-NO equals spaces, then error code 06 is assigned and it too will appear on the error report. The detail (debit) transaction is processed but not the offset. The offset will have to be entered manually based on the information provided on the error report. If both data elements contain values, then two TRNS-CDs 623 are created, one for the detail (input JO-NO) and one for the offset (IFS-OFST-MAT-JO-NO).

    (4) The system assigns specific values to the elements in the generated transactions. These are as follows:

ELEMENT	PIC	POSITION	VALUE ASSIGNED
CMD-DSG	X(01)	1	Input CMD-DSG.
TRNS-CD	X(03)	2-4	623.
PROC-ACT-CD	X(01)	5	2.
INP-ACT-CD	X(06)	6-11	I00000.
BLK-TKT-NO	X(07)	12-18	MATSERV.
BLK-TKT-DT	X(08)	19-26	Systems date in CCYYMMDD format.
UPDT-CD	X(02)	27-28	CM.
JO-NO	X(06)	29-34	For detail, assigns INPUT JO-NO. For offset, assigns IFS-OFST-MAT-JO-NO.
EOR	X(04)	35-38	2715.
COMT-REF-NO	X(14)	39-52	See note below.
OBLG-REF-NO-SPIIN	X(18)	53-70	See note below.
COST-CEN-MGR	X(06)	71-76	For detail, input COST-CEN-MGR. For offset, IFS-OFST-MAT-CCM.
DOCU-DT	X(08)	77-84	Systems date in CCYYMMDD format.
ACT-AMT	S9(10)V99	85-96	For detail, calculated SERV-MAT-COST. For offset, SERV-MAT-COST TIMES –1.
WI-FED-GOVT-CD	X(01)	97	F.
DOV-NO	X(06)	98-103	777777.
DSSN	X(04)	104-107	SOMAUNIQ DSSN.
DELMARS-XMIT-NO	X(02)	108-109	00.
OBLG-STAT-CD	X(01)	110	2.
OBLG-EXPIR-DT	X(08)	111-118	Spaces.
FIN-PRT-CD	X(01)	119	F.
COUNTRY-CD	X(02)	120-121	Spaces.
JV-NO	X(06)	122-127	Spaces.
OBLG-TY-CD	X(01)	128	M.
AMD-NO	X(02)	129-130	Spaces.
QTY	S9(09)	131-139	Zeros.
WT-LBS	S9(05)	140-144	Zeros.

ELEMENT	PIC	POSITION	VALUE ASSIGNED
HRS	S9(06)V99	145-152	Zeros.
NOMENCLATURE	X(35)	153-187	Spaces.
CLIN	X(06)	188-193	Spaces.
ACRN	X(02)	194-195	Spaces.
MOD-NO	X(06)	196-201	Spaces.
SUB-JO-NO	X(08)	202-209	For detail, input SUB-JO-NO. For offset, IFS-OFST-MAT-SUB-JO-NO.
IFS-DOCU-NO	X(18)	210-227	For detail, input IFS-DOCU-NO. For offset, IFS-OFST-MAT-DOCU-NO.
LBR-PAY-PD-NO	X(14)	228-241	Spaces.
PROD-IND	X(01)	242	N.
FILLER	X(58)	243-300	Spaces.

Note. The assignment of the COMT-REF-NO and OBLG-REF-NO is as follows:

DETAIL	**OFFSET**
Positions 1-2 = MS	Positions 1-2 = MS
Positions 3-8 = JO-NO	Positions 3-8 = IFS-OFST-MAT-JO-NO
Positions 9-10 = Converted MON-CD	Positions 9-10 = Converted MON-CD

Note.   The MON-CD in the constructed COMT-REF-NO AND OBLG-REF-NO is determined by converting the MON-CD from the SOMAUNIQ file from an alphabetic value to a numeric one, such as the following:

A = 10	D = 01	G = 04	K = 07
B = 11	E = 02	H = 05	L = 08
C = 12	F = 03	J = 06	M = 09

   (5) The generated transactions are passed to System ID 1916 for further processing.

   c. Rejected Transaction Report, PCN B67AXXL054R. This report is produced whenever error code 06 conditions were encountered as described above for the generation of TRNS-CD 623s for M&S. Along with error code 06, the report displays each related COST-CEN-MGR, JO-NO, SUB-JO-NO, SSAN, HRS, and ACT-AMT record that was bypassed and not processed. Page 1 of the report contains the error code 06 explanations. This report is also produced by System IDs 1902, 1903, 1904, 1908, 1909, 1923, 1933, and 1973.

3.2.3.48 System ID 1960, SOMARDS Batch Edit Process. This System ID performs basic edits, routes transactions for subsequent processing, and produces a hardcopy report displaying rejected transactions.

   a. Sources of input.

   (1) Disbursement and collection transactions are passed from System ID 1414.

(2) All on-line transactions, processed by System IDs 1900 and 1916, can be processed in a totally batch environment. The users create a bridge that passes the transactions to System ID 1960.

b. Only basic edits are performed during System ID 1960 processing. The processing is equivalent to the editing, which occurs in System ID 1900, when the PROC-ACT-CD equals 2.

(1) When the transactions are valid labor transfer charges, they are passed to System ID 1923 for additional processing.

(2) All other valid transactions are passed to System ID 1916 for additional editing and processing.

(3) Invalid transactions are identified on the hardcopy report.

(4) Transactions that are rejected because of the edits performed for IFS document number are recycled.

(5) All transactions, valid and invalid, are routed to System ID 1918 for report purposes.

c. SOMARDS Batch Basic Edit Rejects, PCN B67AXXI094D. This report provides the trans-image of each invalid input transaction. An asterisk is displayed below the first position of each element of the trans-image that failed to pass the basic edits performed. The records are sorted by CMD-DSG, block number, block ticket date, and batch number.

3.2.3.49 System ID 1961, AMCISS Interface Process. The description of this System ID is not available at this time.

3.2.3.50 System ID 1962, SIFS Interface Process. This System ID was originally programed as an interface between the retail Army stock fund financial inventory accounting and reporting system (RASFIARS). Since this interface no longer exists for SOMARDS, the same logic is usable for an interface with the SIFS. This interface allows SIFS the use of the SOMALJOR and provides a billing file from SIFS to SOMARDS. SIFS may use the SOMALJOR to obtain the accounting classification for job orders that are to be billed from SIFS. The billing file provided from SIFS to SOMARDS contains bill data for various supply issue and return transactions. This billing file is used to create records for the SOMABILL file. The records in the SOMABILL file are compared to those in the SOMADOVT to create various disbursement transactions for update to the SOMARDS accounting files.

a. The SOMALJOR is available to SIFS to obtain accounting classification for job orders. The data retrieved from the SOMALJOR are used to determine the accounting classification included with the bill data in the billing file and for the automated bills produced by SIFS.

b. The billing file from SIFS to SOMARDS (File ID AKHGWF01) is used as input for System ID 1962. Record length equals 60.

```
01   RASFIARS-RECORD.
     05    R-DIC.
           10   R-DIC-1-2            PIC X(02).
           10   FILLER              PIC X(01).
     05    R-JO-NO                  PIC X(06).
     05    R-CMD-DSG                PIC X(01).
     05    R-COMT-REF-NO            PIC X(14).
     05    R-BILL-AMT               PIC S9(09)V99.
     05    R-COST-CEN-MGR           PIC X(06).
     05    R-EOR                    PIC X(04).
     05    R-BILL-NO                PIC X(06).
     05    R-DISB-FIN-PRT-CD        PIC X(01).
     05    R-DSSN                   PIC X(04).
     05    R-APROP-SYM              PIC X(04).
```

c. The billing file contains bill data for supplies and equipment issued from and returned to AMCISS, supplies and equipment issued from Automated Self-Service Supply Center (ASSSC) and supplies and equipment issued from and returned to local supply systems that are billed by SIFS. This System ID will read, empty, and re-allocate the billing file. Records read from the billing file are written as records for the SOMABILL file. Records from the billing file must be billing data for one of the following supply transactions to be written as records in the SOMABILL file:

(1) The records must be billing data for the issue of supplies and equipment from AMCISS. Positions 1 and 2 of the DIC of the record in the billing file must equal Z5.

(2) The records must be billing data for the return of supplies or equipment to AMCISS. Positions 1 and 2 of the DIC of the record in the billing file must equal Z3.

(3) The records must be billing data for the issue of supplies or equipment from ASSSC. The DIC of the record in the billing file must equal ZBG.

(4) The records must be billing data for the issue of supplies or equipment from local supply systems using SIFS as a billing system. The DIC of the record in the billing file must equal ZB5.

(5) The records must be billing data for the return of supplies or equipment to local supply systems using SIFS as a billing system. The DIC of the record in the billing file must equal ZB3.

d. For each record that is to be written to the SOMABILL file, the BILL-NO becomes the record key. The billing file can have numerous records with the same BILL-NO. Each billing file record that is for one of the above supply transactions causes an SOMABILL detail record to be written. This SOMABILL detail record will contain all elements that were originally in the billing file. For each unique BILL-NO that has SOMABILL detail records a bill header record will be created in the SOMABILL. The bill header record will have an element TOT-BILL-AMT that will be the sum of all ACT-AMTs on the SOMABILL detail records for a given BILL-NO.

e. The bill header records of the SOMABILL file are compared to the disbursing officer voucher number records in the SOMADOVT using the fields CMD-DSG and BILL-NO. If a BILL-NO exists as a bill header record on the SOMABILL file and the SOMADOVT file, then a comparison of the TOT-BILL-AMT is made. If the TOT-BILL-AMT of both files is the same, then SOMARDS disbursement transactions are created for each SOMABILL detail record in the SOMABILL file related to the matched bill header record. The bill header record and related SOMABILL detail records in the SOMABILL file and the record in the SOMADOVT for the matched BILL-NO are then removed from the files.

f. The file prints of the SOMABILL (System ID 1947) and SOMADOVT (System ID 1948) can be used as exception reports. By using both file prints unbilled, billed but not disbursed, and unmatched bill amount, BILL-NOs can be determined. Unbilled BILL-NOs are those in the SOMADOVT but not in the SOMABILL. Billed but not disbursed BILL-NOs are those in the SOMABILL but not in the SOMADOVT. Unmatched bill amount BILL-NOs are those listed on the SOMABILL and SOMADOVT where the TOT-BILL-AMTs do not agree.

g. The disbursement transactions that are created in System ID 1962 use data from the SOMABILL detail record and the matching record in the SOMADOVT. The type of disbursement transaction created is dependent on the type of supply transaction the billing data of the SOMABILL detail record represents. The DIC of the SOMABILL detail record is the indicator of the type of supply transaction.

h. A disbursement transaction (TRNS-CD 610) will be created for SOMABILL detail records that represent the issue of supplies or equipment from AMCISS or the return of supplies or equipment to AMCISS. These are SOMABILL detail records where positions 1 and 2 of the DIC equal Z5 or Z3.

i. A commitment, obligation, expense, and disbursement transaction (TRNS-CD 623) will be created for SOMABILL detail records that represent the issue of supplies or equipment from or the return of supplies or equipment to certain local supply systems using SIFS as a billing system. These are SOMABILL detail records where the DIC equals ZBG, ZB5, or ZB3.

j. If the DISB-FIN-PRT-CD of the SOMABILL detail record does not equal F or P, then an F is moved to the DISB-FIN-PRT-CD of the created transaction.

k. All created disbursement transactions will be passed to the daily update transaction (File ID DAKHAKF05) to go into SOMARDS funds control/execution update (System ID 1916) at the next scheduled run. These transactions will go into daily SOMARDS accounting file updates and possibly reject. Any rejected transaction will be identifiable by the BLK-TKT-NO that was contained in the SOMADOVT and the BILL-NO that can be located in the JV-NO of the transaction. Any rejected transaction will be available for reject re-entry.

3.2.3.51 System ID 1963, SOMALJOR/S2K.Fund Reconciliation. This system ID compares specific data elements in the SOMALJOR to like data elements in the S2K.FUND. When there are differences, the SOMALJOR file is adjusted to agree with the S2K.FUND file and a hardcopy output report is produced to show the SOMALJOR file changes.

a. S2K.FUND File Reconciliation Report, PCN B67AXXJ034R. This report provides error messages for conditions found by a comparison of the SOMALJOR and S2K.FUND files. Each line represents one complete error message. The JO-NO for which an error has been found is printed in front of each message.

(1) There are certain file conditions that will cause an error message to be created and printed on this report and in some cases the SOMALJOR is modified. These are as follows:

CONDITION	ACTION	PRINTED MESSAGE
JO-NO exists in the SOMALJOR but not in the S2K.FUND and JO-LBR-ACT-CD equals L.	The JO-LBR-RECORD and any 16-byte records will be deleted from the SOMALJOR.	JO-NO was in the SOMALJOR with an L in the LBR-ACT-CD field but was deleted because it did not exist in the fund.
JO-NO exists in the SOMALJOR but not in the S2K.FUND and JO-LBR-ACT-CD does not equal L.	The JO-LBR-RECORD and any 16 byte records will be deleted from the SOMALJOR.	JO-NO existed in the SOMALJOR but not in S2K.FUND file, so it was deleted from SOMALJOR.
SOMALJOR contains a value in JO-NO-COMT-REF-NO but does not contain an L in JO-LBR-ACT-CD.	SOMALJOR JO-LBR-ACT-CD will be changed to L.	SOMALJOR JO-NO-COMT-REF-NO contained a value but JO-LBR-ACT-CD was not an L, so JO-LBR-ACT-CD was changed.
JO-NO-COMT-REF-NO exists in the SOMALJOR but not in the S2K.FUND.		JO-NO-COMT-REF-NO does not match a COMT-REF-NO in the S2K.FUND file.
Every JO-COMT-REF-NO in the S2K.FUND file must have a matching JO-NO-COMT-REF-NO in the SOMALJOR.		JO-NO-COMT-REF-NO in S2K.FUND file does not match a SOMALJOR JO-NO-COMT-REF-NO.

CONDITION	ACTION	PRINTED MESSAGE
S2K.FUND RESR-CMD-DSG does not match SOMALJOR JO-CMD-DSG.	SOMALJOR JO-CMD-DSG will be changed to match S2K.FUND RESR-CMD-DSG.	RESR-CMD-DSG (C304) of S2K.FUND file did not match JO-CMD-DSG of SOMALJOR, so JO-CMD-DSG was changed.
S2K.FUND JO-COST-CEN-MGR does not match SOMALJOR JO-CCM.	SOMALJOR JO-CCM will be changed to match S2K.FUND JO-COST-CEN-MGR.	JO-COST-CEN-MGR (C507) of S2K.FUND file did not match JO-COST-CEN-MGR of SOMAJOR, so JO-COST-CEN-MGR was changed.
S2K.FUND JO-MON-AMS-REPT-LVL does not match SOMALJOR JO-MON-AMS-REPT-LVL.	SOMALJOR JO-MON-AMS-REPT-LVL will be changed to match S2K.FUND JO-MON-AMS-REPT-LVL.	JO-MON-AMS-REPT-LVL (C508) of S2K.FUND file did not match JO-MON-AMS-REPT-LVL of SOMALJOR-so JO-MON-AMS-REPT-LVL was changed.
S2K.FUND JO-COMT-REF-NO does not match SOMALJOR JO-NO-COMT-REF-NO.	SOMALJOR JO-NO-COMT-REF-NO will be changed to match S2K.FUND JO-COMT-REF-NO.	JO-NO-COMT-REF-NO (C515) of S2K.FUND file did not match JO-NO-COMT-REF-NO of SOMALJOR, so JO-NO-COMT-REF-NO was changed.
S2K.FUND OP-AGCY does not match SOMALJOR JO-OP-AGCY.	SOMALJOR JO-OP-AGCY will be changed to match S2K.FUND OP-AGCY.	OP-AGCY (C306) of S2K.FUND file does not match JO-OP-AGCY of SOMALJOR, so JO-OP-AGCY was changed.
S2K.FUND MGR-RESR-REF-NO does not match SOMALJOR JO-MGR-RESR-REF-NO.	SOMALJOR JO-MGR-RESR-REF-NO will be changed to match S2K.FUND MGR-RESR-REF-NO.	MGR-RESR-REF-NO (C301) of S2K.FUND file does not match JO-MGR-RESR-REF-NO of SOMALJOR, so JO-MGR-RESR-REF-NO was changed.
S2K.FUND APROP-SYM does not match SOMALJOR JO-APROP-SYM.	SOMALJOR JO-APROP-SYM will be changed to match S2K.FUND APROP-SYM.	APROP-SYM (C308) of S2K.FUND file did not match JO-APROP-SYM of SOMALJOR, so JO-APROP-SYM was changed.
S2K.FUND ALOT does not match SOMALJOR JO-ALOT.	SOMALJOR JO-ALOT will be changed to match S2K.FUND ALOT.	ALOT (C310) of S2K.FUND file did not match JO-ALOT of SOMALJOR, so JO-ALOT was changed.
S2K.FUND JO-REBLD-CD does not match SOMALJOR JO-REBLD-CD.	SOMALJOR JO-REBLD-CD will be changed to match S2K.FUND JO-REBLD-CD.	JO-REBLD-CD (C502) of S2K.FUND file did not match JO-REBLD-CD of SOMALJOR, so JO-REBLD-CD was changed.
S2K.FUND FRZ-CD does not match SOMALJOR JO-FRZ-CD.	SOMALJOR JO-FRZ-CD will be changed to match S2K.FUND FRZ-CD.	FRZ-CD (C521) of S2K.FUND file did not match JO-FRZ-CD of SOMALJOR, so JO-FRZ-CD was changed.

CONDITION	ACTION	PRINTED MESSAGE
S2K.FUND RESR-PROG-YR does not match SOMALJOR JO-PROG-YR-4.	SOMALJOR JO-PROG-YR-4 will be changed to match S2K.FUND RESR-PROG-YR.	RESR-PROG-YR (C307) of S2K.FUND file did not match JO-PROG-YR-4 of SOMALJOR, so JO-PROG-YR-4 was changed.
S2K.FUND RESR-DEPT-CD does not match SOMALJOR JO-DEPT-CD.	SOMALJOR JO-DEPT-CD will be changed to match S2K.FUND RESR-DEPT-CD.	RESR-DEPT-CD (C313) of S2K.FUND file did not match JO-DEPT-CD of SOMALJOR, so JO-DEPT-CD was changed.
S2K.FUND LIMIT does not match SOMALJOR JO-LIMIT.	SOMALJOR JO-LIMIT will be changed to match S2K.FUND LIMIT.	LIMIT (C309) of S2K.FUND file did not match JO-LIMIT of SOMALJOR, so JO-LIMIT was changed.
S2K.FUND RESR-FISC-STA-NO does not match SOMALJOR JO-FISC-STA-NO.	SOMALJOR JO-FISC-STA-NO will be changed to match S2K.FUND RESR-FISC-STA-NO.	RESR-FISC-STA-NO (C314) of S2K.FUND file did not match JO-FISC-STA-NO of SOMALJOR, so JO-FISC-STA-NO was changed.
S2K.FUND JO-TY-FIN-CD does not match SOMALJOR JO-LBR-TY-FIN-CD.	SOMALJOR JO-LBR-TY-FIN-CD will be changed to match S2K.FUND JO-TY-FIN-CD.	JO-TY-FIN-CD (C519) of S2K.FUND file did not match JO-TY-FIN-CD of SOMALJOR, so JO-TY-FIN-CD was changed.
S2K.FUND MGR-ACTV-CD does not match SOMALJOR JO-MGR-ACTV-CD.	SOMALJOR JO-MGR-ACTV-CD will be changed to match S2K.FUND MGR-ACTV-CD.	MGR-ACTV-CD (C509) of S2K.FUND file did not match JO-MGR-ACTV-CD of SOMALJOR, so JO-ACTV-CD was changed.
S2K.FUND COMD-UNQ-AMS-CD does not match SOMALJOR JO-COMD-UNQ-AMS-CD.	SOMALJOR JO-COMD-UNQ-AMS-CD will be changed to match S2K.FUND COMD-UNQ-AMS-CD.	COMD-UNQ-AMS-CD (C510) of S2K.FUND file did not match JO-COMD-UNQ-AMS-CD of SOMALJOR, so JO-COMD-UNQ-AMS-CD was changed.
S2K.FUND RESR-REIMB-SRC-CD does not match SOMALJOR JO-REIMB-SRC-CD.	SOMALJOR JO-REIMB-SRC-CD will be changed to match S2K.FUND RESR-REIMB-SRC-CD.	RESR-REIMB-SRC-CD (C322) of S2K.FUND file did not match REIMB-SRC-CD of SOMALJOR, so REIMB-SRC-CD was changed.
S2K.FUND MSN-OVHD-CD does not match SOMALJOR JO-MSN-OVHD-CD.	SOMALJOR MSN-OVHD-CD will be changed to match S2K.FUND MSN-OVHD-CD.	MSN-OVHD-CD (C512) of S2K.FUND file did not match JO-MSN-OVHD-CD of SOMALJOR, so JO-MSN-OVHD-CD was changed.
S2K.FUND JO-MDEP does not match SOMALJOR JO-MDEP.	SOMALJOR JO-MDEP will be changed to match S2K.FUND JO-MDEP.	MDEP (C504) of S2K.FUND file did not match JO-MDEP of SOMALJOR, so JO-MDEP was changed.

CONDITION	ACTION	PRINTED MESSAGE
S2K.FUND JO-MRIS does not match SOMALJOR JO-MRIS.	SOMALJOR JO-MRIS will be changed to match S2K.FUND MRIS.	MRIS (C506) of S2K.FUND file did not match JO-MRIS of SOMALJOR, so JO-MRIS was changed.
S2K.FUND JO-WPN-SYS-CD does not match SOMALJOR JO-WPN-SYS-CD.	SOMALJOR JO-WPN-SYS-CD will be changed to match S2K.FUND JO-WPN-SYS-CD.	WPN-SYS-CD (C511) of S2K.FUND file did not match JO-WPN-SYS-CD of SOMALJOR, so JO-WPN-SYS-CD was changed.
S2K.FUND COST-IND does not match SOMALJOR JO-COST-IND.	SOMALJOR JO-COST-IND will be changed to match S2K.FUND COST-IND.	COST-IND (C513) of S2K.FUND file did not match JO-COST-IND of SOMALJOR, so JO-COST-IND was changed.
S2K.FUND UIC does not match SOMALJOR JO-UIC.	SOMALJOR JO-UIC will be changed to match S2K.FUND UIC.	UIC (C520) of S2K.FUND file did not match JO-UIC of SOMALJOR, so JO-UIC was changed.
S2K.FUND IFS-APPL-IND does not match SOMALJOR JO-IFS-APPL-IND.	SOMALJOR JO-IFS-APPL-IND will be changed to match S2K.FUND IFS-APPL-IND.	IFS-APPL-IND (C527) of the S2K.FUND file did not match JO-IFS-APPL-IND of the SOMALJOR record, LJOR value was changed.
S2K.FUND LBR-ACT-CD does not match SOMALJOR JO-LBR-ACT-CD.	SOMALJOR JO-LBR-ACT-CD will be changed to match S2K.FUND LBR-ACT-CD.	LBR-ACT-CD (C529) of the S2K.FUND file did not match JO-LBR-ACT-CD of the SOMALJOR record, LJOR value was changed.
Non-bulk JO-NO exists in the S2K.FUND file but not in the SOMALJOR.	A record will be added to the SOMALJOR with the appropriate JO-NO.	JO-NO exists in the S2K.FUND file but was not in SOMALJOR. A JO-NO record was built on the SOMALJOR.

(2) Error messages are sorted by CMD-DSG and JO-NO and printed in JO-NO sequence within CMD-DSG.

(3) No totals or calculations are required for this report.

b. This process can be run on an as-required basis.

3.2.3.52 System ID 1965, S2K.LBRM/SOMALJOR Reconciliation. This System ID compares specific data elements in the SOMALJOR to like data elements in the S2K.LBRM file. A hardcopy output report is produced to explain any file difference.

a. SOMALBRM/SOMALJOR File Reconciliation Report, PCN B67AXXJ054R. This report provides error messages for conditions found by a comparison of the SOMALBRM and SOMALJOR files. Each line represents one complete error message. Key fields printed in front of each error message allow the user to determine which file records contain problems.

(1) There are specific file conditions that will cause an error message to be created and printed on this report. These are as follows:

CONDITION	PRINTED MESSAGE
Every TDA-JO-NO in the S2K.LBRM must exist as a JO-NO in the SOMALJOR.	TDA-JO-NO does not exist as a JO-NO in SOMALJOR.
Each STD-JO-NO, potentially three for each employee record in the S2K.LBRM, must exist as a JO-NO in the SOMALJOR.	STD-JO-NO (1-3) does not exist as a JO-NO in SOMALJOR.
Each LV-JO-NO, potentially three for each employee record in the S2K.LBRM, must exist as a JO-NO on the SOMALJOR.	LV-JO-NO (1-3) does not exist as a JO-NO in SOMALJOR.
Every JO-NO record in the SOMALJOR that is matched by JO-NO from the S2K.LBRM must contain an L in JO-LBR-ACT-CD.	JO-LBR-ACT-CD does not equal L.
Each JO-NO in the SOMALJOR that is matched by a JO-NO from the S2K.LBRM must have a JO-SSAN-RECORD.	No JO-SSAN-RECORD existed in SOMALJOR for this JO-NO so one was built (type ' ').
Every CASH-AWD-JO-NO in the S2K.LBRM must exist as a JO-NO on the SOMALJOR.	LBRM CASH-AWD-JO-NO does not exist as a JO-NO on the SOMALJOR.
Every CASH-AWD-JO-NO in the S2K.LBRM must exist as a JO-NO on the SOMALJOR and must contain an L in the JO-LBR-ACT-CD.	LBRM CASH-AWD-JO-NO is not coded as a labor JO-NO.
Each CCM-CASH-AWD-JO-NO must match the CASH-AWD-JO-NO's JO-CCM (filled pos only).	LBRM CCM-CASH-AWD-JO-NO does not match SOMALJOR COST-CEN-MGR for this JO-NO.
For each JO-NO (TDA, standard 1 to 3, and leave 1 to 3) that is filled on the header record of the S2K.LBRM file, a comparison of JO-CCM from the SOMALJOR file for that JO-NO is performed. The detail of this comparison is based on the CMD-COST-CEN-MGR-DEFLT-CD of the SOMAUNIQ file for a given CMD-DSG. See notes below.	LBRM ASSIGNED-COST-CEN-MGR does not match SOMALJOR JO-COST-CEN-MGR for this JO-NO.

Note 1. When the CMD-COST-CEN-MGR-DEFLT-CD of the SOMAUNIQ equals 1, each position that is filled of the JO-CCM of the SOMALJOR file for the JO-NO must match the same position of the ASSIGNED-CCM of the SSAN record in the S2K.LBRM file.

Note 2. When the CMD-COST-CEN-MGR-DEFLT-CD of the SOMAUNIQ equals 2, the first position of the JO-CCM of the SOMALJOR file for the JO-NO must match the first position of the ASSIGNED-CCM of the SSAN record in the S2K.LBRM file.

(2) Whenever a matching JO-NO is found in the SOMALJOR file, but no JO-SSAN-RECORD exists, in addition to providing the message displayed above, a JO-SSAN-RECORD is built on the SOMALJOR.

(3) Error messages are sorted by CMD-DSG, EMP-SSAN, and JO-NO.

(4) No totals or calculations are required for this report.

b. This process can be run on an as-required basis.

3.2.3.53 System ID 1966, SOMATBLS/SOMALJOR Reconciliation. This System ID compares specific data elements in the SOMATBLS to like data elements in the SOMALJOR file. A hardcopy output report is produced to explain any file difference.

a. SOMATBLS/SOMALJOR File Reconciliation Report, PCN B67AXXJ064R. This report provides error messages for conditions found by a comparison of the SOMATBLS and SOMALJOR files. Each line represents one complete error message. The JO-NO is printed in front of each error message to allow the user to reference file records that contain problems.

(1) There are specific file conditions that will cause an error message to be created and printed on this report. These are as follows:

CONDITION	PRINTED MESSAGE
Every DEFLT-JO-NO in SOMATBLS must exist as a JO-NO in the SOMALJOR.	JO-NO does not exist in SOMALJOR.
For each JO-NO in the SOMALJOR that is matched by a DEFLT-JO-NO from the SOMATBLS, the JO-LBR-ACT-CD must equal L.	SOMALJOR JO-LBR-ACT-CD is not equal to L.
For each JO-NO in the SOMALJOR that is matched by a JO-NO from the SOMATBLS, a SOMALJOR JO-DEFLT-RECORD must exist.	No JO-DEFLT-JO-NO existed in SOMALJOR for this JO-NO, so one was built.
For every DEFLT-JO-NO in SOMATBLS that matched a JO-NO in the SOMALJOR, the DEFLT-CCM-KEY must match the JO-CCM of the corresponding SOMALJOR JO-DEFLT-RECORD.	JO-COST-CEN-MGR of SOMALJOR not equal to DEFLT COST-CEN-KEY of SOMATBLS.
For each DEFLT-JO-NO in SOMATBLS that matched a JO-NO in the SOMALJOR, the DEFLT-JO-CCM must equal the JO-COST-CEN-MGR of the SOMALJOR record.	SOMALJOR COST-CEN-MGR does not match DEFLT-JO-COST-CEN-MGR of SOMATBLS.

(2) Whenever a matching JO-NO is found in the SOMALJOR file, but no JO-DEFLT-RECORD exists, in addition to providing the message displayed above, a JO-DEFLT-RECORD is built on the SOMALJOR.

(3) Error messages are sorted by CMD-DSG and JO-NO.

(4) No totals or calculations are required for this report.

b. This process can be run on an as-required basis.

3.2.3.54 System ID 1967, Standard Operations and Maintenance Army Reorganization. This as-required database administration function unloads all records from the S2K.FUND file and S2K.HIST file to flat files, deletes all existing records from each database, and then reloads the unloaded records to each database. The database tables, including the data table, the hierarchical table and the index tables are rebuilt. The databases are reset to the optimal state of internal space usage and internal pointers are rebuilt. The reorganized databases will enhance processing speed of all System IDs that reference or update them. No data values are changed or added except if either database still contains a dummy record needed only for initial processing of an empty database, the dummy records are eliminated. The dummy records are a C0 record with the PROG-CUST-ORD-NO (C1) with a value of all @ in the S2K.FUND or a C0 record with PROG-CUST-ORD-NO (C1) and PROG-CON-KEY (C2) with values of all @ in the S2K.HIST. In the S2K.HIST file, any numeric data item with a value of nulls or other nonnumeric value is assigned a value of zero.

3.2.3.55 System ID 1970, Financial Electronic Data Interchange. This System ID provides SOMARDS interfaces with the DTS and the IMPAC systems.

     a. DTS INTERFACE. System ID 1970 generates commitment obligation expense (COE) transactions (TRNS-CD 345) for automatic updating of travel expenses to the accounting files.

     (1) The passing file from DTS to SOMARDS (AK.AK.DTS.INPUT) is used as input for System ID 1970. The file has a record length of 85 and has three record types: dummy, header, and detail. This System ID will read and empty the passing file.

> **DUMMY RECORD**

POSITION	DATA ELEMENT	LENGTH
1-12	RECORD IDENTIFIER	X(12)
13-85	FILLER	

Note. The dummy record will always be the first record in the file. The value in positions 1-12 will be the dummy record.

> **HEADER RECORD**

POSITION	DATA ELEMENT	LENGTH
1- 4	IDENTIFIER CODE	X(04)
5- 6	PURPOSE CODE	X(02)
7-14	TRANSACTION DATE	MMDDCCYY
15-20	TRANSACTION ID	X(06)
21	SENDER ID CODE QUALIFIER	X(01)
22-36	SENDER ID CODE	X(15)
37-42	RECEIVING FSN	X(06)
43-44	OPERATING AGENCY	X(02)
45-85	FILLER	X(41)

Note. The IDENTIFIER CODE is hard coded 821T.
             The PURPOSE CODE will be one of the following: 00 (Original Obligation)
                                                                                          01 (Cancellation)

                                                                                          05 (Adjusted Obligation)
                                                                                          31 (Supplemental)

DETAIL RECORD

POSITION	DATA ELEMENT	LENGTH
1- 6	JOB ORDER	X(06)
7-10	ELEMENT OF RESOURCE	X(04)
11-16	COST CENTER MANAGER	X(06)
17-24	DOCUMENT DATE	MMDDCCYY
25	AMOUNT POS 1	X(01) (See note)
26-36	AMOUNT POS 2-12	9(09)V99
37-44	START DATE	MMDDCCYY
45-52	END DATE	MMDDCCYY
53-54	AMENDMENT NUMBER	X(02)
55-62	SUB JOB ORDER	X(08)
63-80	IFS DOCUMENT NUMBER	X(18)
81-85	FILLER	X(05)

Note. The first position of the AMOUNT field is used to identify the sign. If the amount is negative, it will contain the minus sign.

(2) System ID 1970 will perform basic edits of the data contained in the DTS input file. The input file consists of sets of records (a header record with one or many corresponding detail records constitutes a set). The following conditions must be met for each record in the input set, or the entire set will be rejected to DTS (File ID AK.AK.AKUALB01 (see file below)) reflecting the indicated reject codes:

INPUT ELEMENT	EDIT CONDITION	REJECT CODE
HEADER RECORD	Must have detail records.	088
HEADER TRANSACTION ID	Must be alphanumeric filled or partially filled (left-justified) with no embedded spaces or special characters.	084
DETAIL JOB ORDER *	Must be alphanumeric filled. Must be in SOMALJOR. SOMALJOR FRZ-CD cannot equal 2. SOMALJOR JO-PROG-YR-4 cannot equal CCCC	034
DETAIL ELEMENT OF RESOURCE *	Must be alphanumeric filled. Must be in SOMAMEOR. Is not valid for the program year of the funds when compared to the SOMAMEOR BEGIN-YR and the SOMAMEOR END-YR.	030
DETAIL COST CENTER MANAGER *	Must be alphanumeric filled or partially filled (left-justified) with no embedded spaces or special characters or must be blank. Must be compatible with SOMALJOR JO-CCM. Must exist in the SOMACCMV file if the CMD-CCM-VAL-SWTCH in the SOMAUNIQ equals Y.	038

INPUT ELEMENT	EDIT CONDITION	REJECT CODE
DETAIL DOCUMENT DATE	Must be in the format MMDDCCYY.	049
DETAIL AMOUNT	Positions 2-14 must be numeric and unsigned.	003
DETAIL START DATE	Must be in the format MMDDCCYY.	085
DETAIL END DATE	Must be in the format MMDDCCYY.	086
*DETAIL SUB JOB ORDER	Must be alphanumeric filled or partially filled (left-justified) with no embedded spaces or special characters or must be blank.	798
*DETAIL IFS DOCUMENT NUMBER	Must be alphanumeric filled or partially filled (left-justified) or special characters or must be blank. Embedded spaces are allowed.	799

When the CCM-VAL-SWTCH from the SOMAUNIQ equals Y:

> If the CCMV-IFS-APPL field in the SOMACCMV equals Y, an IFSD DOCU-NO must be entered and must exist in the SOMAIFSD file. JO-NO must match SOMAIFSD JO-NO.

> If the CCMV-IFS-APPL field equals N, the IFSD-DOCU-NO must be blank.

When the CCM-VAL-SWTCH equals N.

> If the JO-IFS-APPL-IND field in the SOMALJOR equals Y, an IFSD-DOCU-NO must be entered and must exist in the SOMAIFSD file. JO-NO must match SOMAIFSD JO-NO.

(3) The DTS REJECT FILE (AK.AK.AKUALB01) has a record length of 192 and consists of the following data:

POSITION	DATA ELEMENT	LENGTH	VALUE
1- 3	TYPE TRANSACTION	X(03)	821
4- 18	ID CODE	X(15)	HEADER RECEIVING FSN
19- 23	REFERENCE NUMBER	X(05)	SPACES
24- 29	SYSTEM DATE	YYMMDD	COMPUTER SYSTEMS DATE
30- 33	SYSTEM TIME	HHMM	COMPUTER SYSTEMS TIME
34- 48	ID CODE	X(15)	HEADER SENDER ID CODE

POSITION	DATA ELEMENT	LENGTH	VALUE
49- 54	REFERENCE NUMBER	X(06)	HEADER TRANSACTION ID
55- 60	TRANSACTION DATE	YYMMDD	FROM HEADER TRANSACTION DATE
61- 62	CENTURY	CC	FROM HEADER TRANSACTION DATE
63- 67	EXTENDED ERROR CODE 1	X(05)	SEE NOTE
68- 72	EXTENDED ERROR CODE 2	X(05)	SEE NOTE
73- 77	EXTENDED ERROR CODE 3	X(05)	SEE NOTE
78- 82	EXTENDED ERROR CODE 4	X(05)	SEE NOTE
83- 87	EXTENDED ERROR CODE 5	X(05)	SEE NOTE
88- 92	EXTENDED ERROR CODE 6	X(05)	SEE NOTE
93- 97	EXTENDED ERROR CODE 7	X(05)	SEE NOTE
98-102	EXTENDED ERROR CODE 8	X(05)	SEE NOTE
103-107	EXTENDED ERROR CODE 9	X(05)	SEE NOTE
108-112	EXTENDED ERROR CODE 10	X(05)	SEE NOTE
113-137	EDI COORDINATOR NAME	X(25)	SPACES
138-147	TELEPHONE NUMBER	X(10)	SPACES
148-152	TELEPHONE EXTENSION	X(5)	SPACES
153-162	FACSIMILE NUMBER	X(10)	SPACES
163-192	E-MAIL ADDRESS	X(30)	SPACES

*Note: System ID 1970 will return only one reject record (containing a maximum of 10 errors) for each input set that is rejected. If there are no errors a positive 824 is created. A positive 824 is a reject record with the value 90000 for the extended error code. For all other rejects the five-position extended error code is constructed as follows:

Pos 1-3 Assigned Reject Code
Pos 4-5 Record Number in Set
(Header Record = 00)
(Detail Records Begin With 01)

(4) COE transactions (TRNS-CD 345) will be generated for each detail record in the valid input sets. These transactions will be routed to System ID 1916 in the daily update transaction File ID (DAKHAKF05) for subsequent file validation edits and processing. Any rejected transaction will be identifiable by the BLK-TKT-NO (assigned 9991970) and the COMT-REF-NO (ending with TRAVEL) and will be available for reject re-entry.

(5) Following are the TRANS-IMAGE and the system assigned values for the generated TRNS-CD 345:

ELEMENT	PIC	POSITION	VALUE ASSIGNED
CMD-DSG	X(01)	1	SOMALJOR JO-CMD-DSG.
TRNS-CD	X(03)	2-4	345.
PROC-ACT-CD	X(01)	5	2.
INP-ACT-CD	X(06)	6-11	I00000.
BLK-TKT-NO	X(07)	12-18	9991970.
BLK-TKT-DT	X(08)	19-26	System date (CCYYMMDD).
UPDT-CD	X(02)	27-28	CM if DETAIL START DATE is less than or equal to SOMAUNIQ SYS-END-PD-DT. Otherwise assigned NM.

ELEMENT	PIC	POSITION	VALUE ASSIGNED
JO-NO	X(06)	29-34	DETAIL JOB ORDER.
EOR	X(04)	35-38	DETAIL ELEMENT OF RESOURCE.
COMT-REF-NO	X(14)	39-52	DETAIL JOB ORDER + TRAVEL.
OBLG-REF-NO-SPIIN	X(18)	53-70	HEADER TRANSACTION ID.
COST-CEN-MGR	X(06)	71-76	DETAIL COST CENTER MANAGER if input filled. Otherwise assigned SOMALJOR COST CENTER MANAGER.
DOCU-DT	X(08)	77-84	DETAIL DOCUMENT DATE (CCYYMMDD).
ACT-AMT	S9(10)V99	85-96	DETAIL AMOUNT.
*WI-FED-GOVT-CD	X(01)	97	0 (other public) if MEOR-WI-FED-GOVT-CD equals B or O. Otherwise F (within government)
OBLG-STAT-CD	X(01)	98	1 (PARTIAL).
OBLG-EXPIR-DT	X(08)	99-106	DETAIL END DATE (MMDDCCYY).
JV-NO	X(06)	107-112	Spaces.
OBLG-TY-CD	X(01)	113	T (TRAVEL).
AMD-NO	X(02)	114-115	DETAIL AMENDMENT NUMBER.
QTY	S9(09)	116-124	000000000.
WT-LBS	S9(05)	125-129	00000.
HRS	S9(06)V99	130-137	00000000.
NOMENCLATURE	X(35)	138-172	Spaces.
CLIN	X(06)	173-178	Spaces.
ACRN	X(02)	179-180	Spaces.
MOD-NO	X(06)	181-186	Spaces.
*SUB-JO-NO	X(08)	187-194	DETAIL SUB JOB ORDER unless CMD-SUB JO-NO-SWTCH equals N then spaces.

If a DETAIL IFS DOCUMENT NUMBER is entered, and if the IFSD-SUB-JO-NO in the SOMAIFSD equals spaces, the value in the SUB-JO-NO field is overlaid with spaces. If the IFSD-SUB-JO-NO contains a value, positions 1-4 of SUB-JO-NO are overlaid with positions 1-4 of IFSD-SUB-JO-NO.

ELEMENT	PIC	POSITION	VALUE ASSIGNED
IFS-DOCU-NO	X(18)	195-212	DETAIL IFS DOCUMENT NUMBER.
LBR-PAY-PD-NO	X(14)	213-226	Spaces.
PROD-IND	X(01)	227	N (NON-PRODUCTIVE).
FILLER	X(73)	228-300	Spaces.

b. IMPAC INTERFACE. System ID 1970 generates COE transactions (TRNS-CD 345) for automatic updating of miscellaneous expenses to the accounting files.

(1) The passing file from IMPAC to SOMARDS (AK.AK.AKUAPB01) is used as input for System ID 1970. The file has a record length of 85 and has three record types: dummy, header, and detail. This System ID will read and empty the passing file.

DUMMY RECORD

POSITION	DATA ELEMENT	LENGTH
1-12	RECORD IDENTIFIER	X(12)
13-85	FILLER	

Note. The dummy record will always be the first record in the file. The value in positions 1-12 will be the dummy record.

HEADER RECORD

POSITION	DATA ELEMENT	LENGTH
1- 4	IDENTIFIER CODE	X(04)
5- 6	PURPOSE CODE	X(02)
7-14	TRANSACTION DATE	CCYYMMDD
15-29	TRANSACTION ID	X(15)
30	SENDER ID CODE QUALIFIER	X(01)
31-45	SENDER ID CODE	X(15)
46-51	RECEIVING FSN	X(06)
52-53	OPERATING AGENCY	X(02)
54-85	FILLER	X(32)

Note. The IDENTIFIER CODE is hard coded 821P.
The PURPOSE CODE will be one of the following: 00 (Original Obligation)
04 (Change)
56 (Recovery/Deobligate)

DETAIL RECORD

POSITION	DATA ELEMENT	PICTURE
1- 6	JOB ORDER	X(06)
7-10	ELEMENT OF RESOURCE	X(04)
11-16	COST CENTER MANAGER	X(06)
17-24	DOCUMENT DATE	CCYYMMDD
25	AMOUNT POS 1	X(01) (SEE NOTE)
26-38	AMOUNT POS 2-14	9(11)V99
39-46	SUB JOB ORDER	X(08)

POSITION	DATA ELEMENT	PICTURE
47-64	IFS DOCUMENT NUMBER	X(18)
65-85	FILLER	X(21)

Note. The first position of the AMOUNT field is used to identify the sign. If the amount is negative, it will contain the minus sign.

(2) System ID 1970 will perform basic edits of the data contained in the IMPAC input file. The input file consists of sets of records (a header record with one or many corresponding detail records constitutes a set). Each detail record is considered independently and may be processed, even if other detail records in the set are rejected. Rejected transactions will be written to the Valid/Invalid DTR Transactions (File ID DAKHALB01) with a reject code of EDT and will be routed to System ID 1918. System ID 1918 will write these transactions to the SOMABLKT file (with the assigned BLK-TKT-NO of 999PCRD and the COMT-REF-NO ending with PCARD), and the errors can be corrected using reject re-entry. The following conditions must be met or the detail record will be rejected:

INPUT ELEMENT	EDIT CONDITION
HEADER RECORD	Must have detail records (see note 1 below).
HEADER TRANSACTION ID	Must be alphanumeric filled or partially filled (left-justified) with no embedded spaces or special characters (see note 2 below).
DETAIL JOB ORDER	Must be alphanumeric filled. Must be in SOMALJOR. SOMALJOR FRZ-CD cannot equal 2
DETAIL ELEMENT OF RESOURCE	Must be alphanumeric filled. Must be in SOMAMEOR.
DETAIL COST CENTER MANAGER	Must be alphanumeric filled or partially filled (left-justified) with no embedded spaces or special characters or must be blank. Must be compatible with SOMALJOR JO-CCM.
DETAIL DOCUMENT DATE	Must be in the format CCYYMMDD.
DETAIL AMOUNT	Position 1 must be alphanumeric. Positions 2-12 must be numeric and unsigned

Note. If a header record is received with no corresponding detail records, then it will be bypassed. If the header record has an invalid TRANSACTION ID, then all of the detail records in that set will be rejected.

(3) COE transactions (TRNS-CD 345) will be generated for each valid detail record. These transactions will be routed to System ID 1916 in the daily update transaction File ID (DAKHAKF05) for subsequent file validation edits and processing. Any rejected transaction will be identifiable by the BLK-TKT-NO (assigned 999PCRD) and the COMT-REF-NO (ending with PCARD) and will be available for reject re-entry.

(4) Following are the TRANS-IMAGE and the system assigned values for the generated TRNS-CD 345:

ELEMENT	PIC	POSITION	VALUE ASSIGNED
CMD-DSG	X(01)	1	SOMALJOR JO-CMD-DSG if input JO-NO is valid. Otherwise assigned first SOMAUNIQ CMD-DSG.
TRNS-CD	X(03)	2-4	345.
PROC-ACT-CD	X(01)	5	2.
INP-ACT-CD	X(06)	6-11	I00000.
BLK-TKT-NO	X(07)	12-18	999PCRD.
BLK-TKT-DT	X(08)	19-26	System date (CCYYMMDD).
UPDT-CD	X(02)	27-28	CM if DETAIL DOCU DATE is less than or equal to SOMAUNIQ SYS-END-PD-DT. Otherwise assigned NM.
JO-NO	X(06)	29-34	DETAIL JOB ORDER.
EOR	X(04)	35-38	DETAIL ELEMENT OF RESOURCE.
COMT-REF-NO	X(14)	39-52	DETAIL JOB ORDER + PCARD.
OBLG-REF-NO-SPIIN	X(18)	53-70	HEADER TRANSACTION ID.
COST-CEN-MGR	X(06)	71-76	DETAIL COST CENTER MANAGER.
DOCU-DT	X(08)	77-84	DETAIL DOCUMENT DATE (CCYYMMDD).
ACT-AMT	S9(10)V99	85-96	DETAIL AMOUNT.
WI-FED-GOVT-CD	X(01)	97	0 (OTHER PUBLIC).
OBLG-STAT-CD	X(01)	98	1 (PARTIAL).
OBLG-EXPIR-DT	X(08)	99-106	Spaces.
JV-NO	X(06)	107-112	Spaces.
OBLG-TY-CD	X(01)	113	M (MISCELLANEOUS).
AMD-NO	X(02)	114-115	Spaces.
QTY	S9(09)	116-124	000000000.
WT-LBS	S9(05)	125-129	00000.
HRS	S9(06)V99	130-137	00000000.

ELEMENT	PIC	POSITION	VALUE ASSIGNED
NOMENCLATURE	X(35)	138-172	Spaces.
CLIN	X(06)	173-178	Spaces.
ACRN	X(02)	179-180	Spaces.
MOD-NO	X(06)	181-186	Spaces.
SUB-JO-NO	X(08)	187-194	DETAIL SUB JOB ORDER.
IFS-DOCU-NO	X(18)	195-212	DETAIL IFS DOCUMENT NUMBER.
LBR-PAY-PD-NO	X(14)	213-226	Spaces.
PROD-IND	X(01)	227	N (NON-PRODUCTIVE).
FILLER	X(73)	228-300	Spaces.

3.2.3.56 System ID 1971, Automated Time and Attendance Production System Interface. This interface allows ATAAPS the use of the SOMALJOR and provides a passing file from ATAAPS to SOMARDS. ATAAPS uses the SOMALJOR to determine valid labor job orders to be used for reporting time, attendance, and labor costs for SOMARDS appropriations. In addition, ATAAPS or a local bridge creating an ATAAPS look-a-like file can be used to perform 100 percent labor exception reporting by this interface. If ATAAPS is used, job orders entered in ATAAPS for time and attendance reporting are validated against the SOMALJOR. ATAAPS uses the SOMALJOR file to update an internal file during a daily batch process. This internal file lists valid labor job orders. Valid SOMARDS job orders are those *that are located on the SOMALJOR file and contain an L in the JO-LBR-ACT-CD (This edit will be bypassed when the input hours are less than zero, the SOMALJOR JO-FRZ-CD for the input JO-NO equals 2 and there is a matching EXCEPTION-DTL-RECORD on the S2K.LBRM file.).

a. Types of input used in System ID 1971.

(1) The passing file from ATAAPS to SOMARDS and/or an ATAAPS look-a-like file are used as input for System ID 1971. The ATAAPS LP00.LPE013 or ATAAPS02 file refers to a file created in the old format (pre-9840 format). The ATAAPS LP00.LPE014 or ATAAPS01 file refers to a file created in the new format (post-9840 format). A description of the post-9840 and pre-9840 ATAAPS passing files and the appropriate edits are shown in paragraphs d and e below.

(2) Records input for a future pay period (more than current plus one) or future month end will be removed from the ATAAPS01 and/or ATAAPS02 file and sent to the ATAAPS Work Transactions File ID (RAKLBQF02). This File ID will be read each time System ID 1971 is run. These records will remain in this File ID until the dates in the SOMAUNIQ have been changed as a result of month end or a bi-weekly civilian labor update. The records that remain in this File ID must have a valid type hour code (greater than spaces), and meet one of the conditions listed below.

*   (a) The record is for a military employee (IDENTIFICATION CODE = M) and the Julian date of the record exceeds the current SYS-END-PRD-DT in the SOMAUNIQ file.

*   (b) The record is for a civilian employee (IDENTIFICATION CODE = C) and the Julian date of the record exceeds the current SYS-END-PRD-DT or the SYS-PAY-PD-END-DT-1.

(3) Records recycled as reject re-entry from System ID 1905 will also be used as input by System ID 1971. These records will be held in File ID DAKHAKF07. More information on recycled rejects can be found in paragraph c(4).

b. Removal of records from the passing file.

(1) System ID 1971 removes records from the passing file that are for prior pay periods. These records are not used for further processing. The records are passed to File ID RAKLBRB01 that contains all prior pay period transactions. This File ID is for local use only and the transactions held here are not recycled to System ID 1971. The File ID is not refreshed and therefore, will contain all prior pay period transactions passed through 1971.

(2) As mentioned in paragraph a(2) above, records for the future pay period will be removed from the passing file and sent to the ATAAPS Work Transactions File ID RAKLBQF02.

(3) Any one of the conditions listed below would cause a record to be removed from the passing file.

(a) The record is for unit production reporting or the type hours of the record equals spaces.

*   (b) The record is for a military employee (IDENTIFICATION CODE = M) and the Julian date in the passing file precedes or equals the current SYS-PRIOR-END-PRD-DT in the SOMAUNIQ file. This would be a prior pay period transaction and would be sent to the prior pay period File ID RAKLBRB01.

*   (c) The record is for a civilian employee (IDENTIFICATION CODE = C) and the Julian date in the passing file precedes or equals the current SYS-PRIOR-PAY-PD-END-DT in the SOMAUNIQ file. Again, this transaction would be sent to the prior pay period File ID RAKLBRB01.

c. Types of records selected for processing.

*   (1) Except during the month of October (when SOMAUNIQ SYS-MON-CD equals A), System ID 1971 selects current and next pay period records from the passing file to be used for further processing. During the month of October, records from September (when ATAAPS file JULIAN DATE is less than the SOMAUNIQ SYS-PRIOR-END-PRD-DT), which relate to the pay period that is split between the prior and current fiscal years, will not be selected.

(2) Records selected for further processing will never exceed the current month end date even if the current pay period or next pay period end dates exceed the current month end date.

(3) Records selected for processing are removed from the passing file. Records must have a valid type hour code (greater than spaces), and meet one of the conditions listed below to be selected for further processing.

*   (a) The record is for a military employee (IDENTIFICATION CODE = M) and the Julian date in the passing file is between the SYS-PRIOR-END-PRD-DT and SYS-END-PRD-DT in the SOMAUNIQ file. When the type hours of the record equals 8, the value is changed to 2 before further processing occurs. When the type hours of the record equals T, the value is changed to K before further processing occurs.

*   (b) The record is for a civilian employee (IDENTIFICATION CODE = C), SOMAUNIQ SYS-MON-CD does not equal A and the Julian date in the passing file is less than or equal to the SYS-END-PRD-DT and greater than the SYS-PRIOR-PAY-PD-END-DT. Records that meet this condition are for the current pay period and will update the S2K.LBRM file.

*   (c) The record is for a civilian employee (IDENTIFICATION CODE = C), SOMAUNIQ SYS-MON-CD equals A and the Julian date in the passing file is less than or equal to the SYS-END-PRD-DT and greater than the SYS-PRIOR-END-PRD-DT. Records that meet this condition are the current fiscal year expenses for the current pay period and will update the S2K.LBRM file.

*   (4) All records that have been selected for further processing are sorted and summed by SSAN, pay period end date, type hour code, JO-NO, sub job order, IFS document number, task code, cost center manager, hazardous duty code, remote site code, and equipment code. When the ATAAPS TYPE HOUR equals 0, the process moves the Each of the hours fields, the hours processed fields, and the units fields are summed. When the sum of the hours field, hours processed field, or the equipment hours field does not equal zero, the summed record is forwarded to the ATAAPS exception update process.

(5) New employee master exception records are built or existing records are modified for each of the summed input records that pass all of the edits and file validations listed below. Employee master exception records are modified when the input SSAN, pay period, type hour code, reporting cost center manager, JO-NO, sub JO-NO, IFS document number, task code, equipment code, and hazardous duty rate code match the same elements of an existing record. If one of the elements above does not match, a new exception record is created. When a summed input record updates the S2K.LBRM file, the exception indicator (EXCEP-IND-CUR or EXCEP-IND-NEXT) for the input pay period is assigned an A to reflect that ATAAPS exceptions have been posted. Although these indicators are not used by System ID 1971 to block posting of manual labor exceptions, they are used by other labor System IDs to determine if exceptions have been posted to the file.

(6) Employee master exception records that do not pass the edits and file validations listed below will reject, be assigned the reject code stated, and will be forwarded to System ID 1918 (File ID DAKHALB01) to appear in the daily output reports. After System ID 1918 has processed, System ID 1905 should be run. The transactions on the SOMABLKT that are rejects from System ID 1971 (TRNS-CD 871) are sent to File ID DAKHAKF07. These rejects are automatically recycled through System ID 1971 the next time it is processed. They do not have to be corrected or released to recycle. If a TRNS-CD 871 needs to be corrected before it is sent back to System ID 1971, the user may access the record through the on-line TRNS-CD 834. File ID DAKHAKF07 goes through a File ID cut each time System ID 1971 is run thereby creating a fresh file.

(7) A summed input record must meet each condition listed below or it will reject. Rejected records will not update the S2K.LBRM file and will be assigned the reject code stated below.

*   (a) When the input CMD-DSG equals the S2K.LBRM file CMD-DSG, the record is for a civilian employee (S2K.LBRM file PAYRL-INFACE-IND equals D) and the S2K.LBRM file BASE-HRS are equal to zero, the reject code assigned is UU3.

(b) When a record is passed that contains an SSAN that does not exist on the S2K.LBRM file, the reject code assigned is UD7.

*   (c) When the input type hours does not equal 0, 1, 2, 3, 5, 6, 7, 8, 0, A, D, H, K, T, or V, the reject code assigned is UZ4.

*   (d) When the record is for a civilian employee (S2K.LBRM file PAYRL-INFACE-IND equals D), the input type hours equals 7, and the input hazardous duty rate code does not equal A, C, E, F, G, H, K, or 1, the reject code assigned is UZ4. (NOTE: When the record is for a civilian employee and the input type hours equals 0, then the input remote site code is moved to the hazardous duty rate code. When the record is for a civilian employee and the type hours does not equal 7 or 0, then a space is moved to the hazardous duty rate code.)

(e) When the record is for a military employee (S2K.LBRM file PAYRL-INFACE-IND equals M) and the input type hour does not equal 1, 2, 5, 8, A, D, H, K, or V, the reject code assigned is UZ4.

*   (f) When the record is for a civilian employee (S2K.LBRM file PAYRL-INFACE-IND equals D) and the S2K.LBRM file RANK is filled, the reject code assigned is UZ3.

(g) When the record is for a military employee (S2K.LBRM file PAYRL-INFACE-IND equals M) and the S2K.LBRM file RANK is blank, the reject code assigned is UZ3.

(h) When the input job order is not located on the SOMALJOR file, the reject code assigned is UF6.

(i) When the REPORTING-CCM input does not match the filled positions of the JO-CCM on the SOMALJOR file, the reject code assigned is UH4.

* (j) When the input job order is located on the SOMALJOR file but the JO-LBR-ACT-CD does not equal L, the reject code assigned is UU2. However, when the input hours are less than zero, the SOMALJOR JO-FRZ-CD for the input JO-NO equals 2, and there is a matching EXCEPTION-DTL-RECORD on the S2K.LBRM file, then this edit is bypassed.

* (k) When the input job order is located on the SOMALJOR file but the freeze code (JO-FRZ-CD) for that JO-NO is equal to 2, the reject code assigned is UC3. However, when the input hours are less than zero and there is a matching EXCEPTION-DTL-RECORD on the S2K.LBRM file, then this edit is bypassed.

(l) When the JO-CMD-DSG of the SOMALJOR file for the input job order does not match the EMP-CMD-DSG of the S2K.LBRM file for the input SSAN, the reject code assigned is UD7.

* (m) When the CMD-CCM-VAL-SWTCH in the SOMAUNIQ file equals a Y and the REPORTING CCM is not on the SOMACCMV file, the reject code assigned is UA7. (NOTE: When the REPORTING CCM is blank, the process moves the SOMALJOR JO-CCM to the output REPORTING-CCM.)

(n) When the IFS-DOCU-NO input does not exist in the SOMAIFSD file, the reject code assigned is UW2.

(o) When the IFS-DOCU-NO exists in the SOMAIFSD file with a blank IFSD-JO-NO and the input JO-NO was left blank, the reject code assigned is UW2.

(p) When the input JO-NO does not match the JO-NO in the SOMAIFSD file, the reject code assigned is UW2.

(q) When the IFSD-WORK-STAT for the input IFS-DOCU-NO is equal to CMP (completed), CAN (canceled), or DIS (disapproved), the reject code assigned is UW2.

(r) When the REPORTING-CCM for a command is IFS applicable and an IFS-DOCU-NO is not entered, the reject code assigned is UA8.

(s) When the REPORTING-CCM for a command is not IFS applicable and an IFS-DOCU-NO is entered, the reject code assigned is UA8.

(t) When a JO-NO is entered that is IFS applicable and the IFS-DOCU-NO is left blank, the reject code assigned is UC9.

(u) When a JO-NO is entered that is not IFS applicable and the IFS-DOCU-NO is entered, the reject code assigned is UC9.

(v) When an IFS-DOCU-NO is entered with position 15 equal to an R and positions 1-4 of the TASK-CD are left blank and/or position 5 of the TASK-CD contains other than a 5 or blank, the reject code assigned is UY5.

(w) When an EQUIP-CD is entered, EQUIP-HRS does not equal zero, and the TY-HRS does not equal 01, 02, 05, or 08, the reject code assigned is UY6.

(x) When an EQUIP-CD is entered and the EQUIP-HRS equals zero, the reject code assigned is UY6.

(y) When an EQUIP-CD is not entered and the EQUIP-HRS are greater than zero, the reject code assigned is UY6.

*   (z) If a transaction entered would cause negative hours to be posted to the S2K.LBRM file, the reject code assigned is UE0. When the input hours are less than zero, the SOMALJOR JO-FRZ-CD for the input JO-NO equals 2, and there is a matching EXCEPTION-DTL-RECORD on the S2K.LBRM file, then this edit is bypassed. However, the S2K.LBRM file will never be updated with a value less than zero. If the sum of the input hours plus the S2K.LBRM file EXEP-HRS is less than zero, then zero is moved to the file EXCEP-HRS, and the BLKD-TI-HRS and BLKD-DTR-HRS in output queue DAKHALB01 are updated with the before file value times –1.

*   (aa) When input CMD-DSG does not equal SOMALJOR file JO-CMD-DSG, the reject code assigned is UA1.

(8) There are several methods available for handling a blank REPORTING-CCM in the ATAAPS file or the ATAAPS look-a-like file. The following information is provided so that users are aware of the methods available and the consequences of choosing each method. System ID 1971 will not overlay data passed in the REPORTING-CCM field from the ATAAPS file or the ATAAPS look-a-like file. Data can be entered into this field by use of a local bridge or by doing on-line input to the field RPT W/C in ATAAPS.

(a) Method 1. Using ATAAPS to pre-edit the REPORTING-CCM. The SOMARDS CC/JO EDIT switch in ATAAPS can be activated. This switch will force users to enter a REPORTING-CCM in the RPT W/C field of ATAAPS whenever an employee works on a JO-NO outside the REPORTING-CCM to which he is assigned. This switch will cause the ATAAPS programs to perform a CCM to JO-NO edit before the file is passed to System ID 1971. Therefore, the transaction should not fail the CCM to JO-NO edit in SOMARDS unless a change is made in the SOMALJOR file after ATAAPS has been updated.

(b) Method 2. Setting the CMD-COST-CEN-MGR-DEFLT-CD in the SOMAUNIQ file to a 1. If the REPORTING-CCM field in the LPE-013 or LPE-014 is blank and if the CMD-COST-CEN-MGR-DEFLT-CD in the SOMAUNIQ is set to a 1, System ID 1971 will move the ATAAPS ASSIGNED-WC to the REPORTING-CCM field for edit purposes. This method assumes that ATAAPS is being used as it was designed and when the REPORTING-CCM is left blank, the employee is working within the CCM to which he or she is assigned. This method allows for reporting of data at CCM levels lower than what the JO-NO CCM may be. For example, if a user builds his JO-NOs at the directorate level but wants costs at a division or branch level and does not want to input the CCM in ATAAPS, he or she will want to use this method. However, if an employee works on a JO-NO outside of his or her assigned CCM and the REPORTING-CCM is blank, the transaction will reject in System ID 1971. This reject takes place when System ID 1971 moves in the ASSIGNED-WC, the transaction will fail the JO-NO to CCM edits.

(c) Method 3. Setting the CMD-COST-CEN-MGR-DEFLT-CD in the SOMAUNIQ file to a 2. If the REPORTING-CCM field in the LPE-013 or LPE-014 is blank and if the CMD-COST-CEN-MGR-DEFLT-CD in the SOMAUNIQ is set to a 2, System ID 1971 will move the JO-CCM from the SOMALJOR file to the REPORTING-CCM field for edit purposes. This method will ensure that transactions containing blanks in the REPORTING-CCM field will not fail the edits that match the JO-CCM to the REPORTING-CCM in System ID 1971. However, if this method is used, all costs and reports will be shown at the JO-CCM level only. If some areas of a command want their reports or costs at a lower level, those groups must do input to the REPORTING-CCM field in the LPE-013 or LPE-014 via their local bridge or on-line input to the RPT W/C field in ATAAPS.

d. The construction of the passing file from ATAAPS or the ATAAPS look-a-like in the ATAAPS01 or LPE-014 format (post 9840) is shown below. The information regarding the layout of this file is provided in order that users may understand and properly construct data to be passed to System ID 1971. Cost center manager is shown as CCM in the layout.

DATA ELEMENT	PIC	POS	REMARKS
COMMAND DESIGNATOR	X(1)	1	Self-explanatory.
SOCIAL SECURITY NUMBER	X(9)	2–10	SSAN, self-explanatory.
JULIAN DATE	X(5)	11–15	A date within pay period reporting.
JO-NO	X(6)	16–21	JO-NO, self-explanatory.
TYPE HOURS	x(1)	22	See explanation paragraphs f and g.
HOURS	9(3)v9	23–26	Decimal position contains 0, 2, 5, or 7.
UNITS	9(5)	27-31	Self-explanatory.
REPORTING CCM	X(6)	32-37	Filled or blank, see REPORTING-CCM edits in paragraphs c(5) and c(6).
HAZARDOUS DUTY CODE	X(1)	38	Used to report hazardous work, see paragraph. f.
IFS DOCUMENT NUMBER	X(18)	39-56	Spaces if not IFS reporting. If IFS reporting, see paragraph c(5) for IFS edits.
SUB JO-NO	X(8)	57-64	Spaces if not applicable, no special characters
REMOTE SITE CODE	X(1)	65	Spaces if not applicable. If employee is entitled to remote site pay, enter 0 in type hours and appropriate code in remote site code.
OP CODE	X(5)	66-70	Spaces if not IFS reporting; if IFS and position 15 of IFS-DOCU-NO equals R, must be filled in positions 1-4 and must contain blank or 5 in position 5.
ACTION CODE	X(1)	71	If positive equals space or 2, if negative equals 1.
EQUIPMENT CODE	X(3)	72-74	Spaces if not applicable.
EQUIPMENT HOURS	9(3)V99	75-79	Spaces if not applicable. If equipment code filled, must be greater than zero hours.
SITE CODE	X(2)	80-81	Spaces until site codes identified.
FILLER	X(10)	82-91	Spaces.
IDENTIFICATION CODE	X(1)	92	Civilian equals C; military equals M.
HOURS CODE	X(2)	93-94	Used for Non-paid leave and remote site work. See explanation at paragraphs f and g.
FILLER	X(2)	95-96	Spaces.
ASSIGNED CCM	X(6)	97-102	Must be filled if CMD-COST-CEN-MGR-DEFLT-CD = 1, otherwise can be spaces.

DATA ELEMENT	PIC	POS	REMARKS

PAY PERIOD END DATE	X(5)	103-107	Spaces.
FILLER	X(2)	108-109	Spaces.

e. The construction of the passing file from ATAAPS or the ATAAPS look-a-like in the ATAAPS02 or LPE-013 format (pre- 9840) is shown below. The information regarding the layout of this file is provided in order that users who are still using the old format may understand and properly construct data to be passed to System ID 1971. This format may not be used by commands wishing to report IFS, sub job order, and/or equipment hours. Cost center manager is shown as CCM in the layout.

DATA ELEMENT	PIC	POS	REMARKS
COMMAND DESIGNATOR	X(1)	1	Self-explanatory.
SOCIAL SECURITY NUMBER	X(9)	2–10	SSAN, self-explanatory.
JULIAN DATE	X(5)	11–15	A date within pay period reporting.
JO-NO	X(6)	16–21	JO-NO, self-explanatory.
TYPE HOURS	x(1)	22	See explanations in paragraphs f and g.
HOURS	S9(3)V9	23–26	Decimal position contains 0, 2, 5, or 7.
UNITS	9(5)	27-31	Self-explanatory.
REPORTING CCM	X(6)	32-37	Filled or blank, see REPORTING-CCM edits in paragraphs c(5)and c(6).
HAZARDOUS DUTY CODE	X(1)	38	Used to report hazardous work; see paragraph f.
FILLER-1	X(27)	39-65	See explanation for Filler-1 below.
OP CODE	X(5)	66-70	Local use. Will be spaced out by system.
ACTION CODE	X(1)	71	If positive equals space or 2, if negative equals 1.
FILLER-2	X(20)	72-91	See explanation for Filler-2 below.
IDENTIFICATION CODE	X(1)	92	Civilian equals C; military equals M.
HOURS CODE	X(2)	93-94	Used for non-paid leave and remote site work. See explanation at paragraphs f and g.
FILLER	X(2)	95-96	Spaces.
ASSIGNED CCM	X(6)	97-102	Must be filled if CMD-COST-CEN-MGR-DEFLT-CD equals 1, otherwise can be spaces.
FILLER	X(7)	108-109	Spaces.

Note. Filler-1 and Filler-2. These fields may be filled by users or left blank. System ID 1971 will blank any data sent forward in these fields. They replaced the fields from the old format for ZBR reporting and

the command unique field. These fields are now used for IFS, sub job order, and equipment hours reporting. This format must not be used by those wishing to report IFS, sub job order and/or equipment hours.

*   f. The following TYPE HOURS can be used for exception reporting in System ID 1971. Use the following for civilian employees (IDENTIFICATION CODE = C).

TYPE HOUR	MEANING	COMMENTS
1	Regular Work	
2	Overtime Work	
3	Night Differential (GS)	
5	Holiday Work	
6	Sunday Premium	
7	Hazard Duty	Must enter A, C, E, F, G, H, K, or 1 in HAZARDOUS DUTY CODE field (pos 38).
8	Comp Time Worked	
0	Remote Site Work	Must enter a code in REMOTE SITE CODE field. Must enter YN in HOURS CODE field (pos 93-94)
A	Annual Leave Taken	
D	Sick Leave Taken	
H	Holiday Leave Taken	
K	Other Leave Taken	
T	Comp Leave Taken	
V	Non-Paid Leave	Must enter KA, KB, KC, KD, KE, KF, or KG in HOURS CODE field (pos 93-94) for the type of Leave.

*   g. The following TYPE HOURS can be used for exception reporting in System ID 1971. Use the following for military employees (IDENTIFICATION CODE = M).

TYPE HOUR	MEANING	COMMENTS
1	Regular Work	
2	Overtime Work	
5	Holiday Work	
8	Comp Time Worked	System converts to overtime work, TYPE HOUR 2.
A	Annual Leave Taken	
D	Sick Leave Taken	
H	Holiday Leave Taken	
K	Other Leave Taken	
V	Non-Paid Leave	Must enter KA, KB, KC, KD, KE, KF, or KG in HOURS CODE field (pos 93-94) for the type of non-paid leave taken.

*   h. Generated Transaction. For each S2K.LBRM EXCEPTION-DTL-RECORD updated or built, the process will generate an ATAAPS Labor Exception transaction (TRNS-CD 871). Following are the TRNS-IMAGE and the system assigned values for the generated TRNS-CD 871:

ELEMENT	PIC	POSITION	VALUE ASSIGNED
CMD-DSG	X(01)	1	Input CMD-DSG.
TRNS-CD	X(03)	2-4	871.
PROC-ACT-CD	X(01)	5	2.

ELEMENT	PIC	POSITION	VALUE ASSIGNED
INP-ACT-CD	X(06)	6-11	I00000.
BLK-TKT-NO	X(07)	12-18	ATAAPS1.
BLK-TKT-DT	X(08)	19-26	Input Pay Period End Date (CCYYMMDD).
SSAN	X(09)	27-35	Input SSAN.
PAY-PD-END-DT	X(08)	36-43	Input Pay Period End Date.
PAYRL-INFACE-IND	X(01)	44	S2K.LBRM PAYRL-INFACE-IND.
JO-NO	X(06)	45-50	Input Job Order.
SUB-JO-NO	X(08)	51-58	Input Sub Job Order.
TY-HRS	X(02)	59-60	Position 1 assigned zero. Position 2 assigned input Type Hours.
HRS	S9(03)V99	61-65	Input Hours (See Note Below).
REPORTING-CCM	X(06)	66-71	Input Reporting CCM.
RAT-CD	X(01)	72	Input Hazardous Duty Rate Code (when input TY-HOURS equals 0 or 7).
EQUIP-CD	X(03)	73-75	Input Equipment Code.
EQUIP-HRS	S9(03)V99	76-80	Input Equipment Hours.
UNIT	S9(05)	81-85	Input Units.
IFS-DOCU-NO	X(18)	86-103	Input IFS-DOCU-NO.
TASK-CD	X(05)	104-108	Input Task Code.
FILLER	X(192)	109-300	Spaces.

NOTE: Input ATAAPS hours have one decimal position (value 0, 2, 5 or 7). When this position contains 2 or 7, the process moves 5 to the second decimal position in the generated TRNS-CD 871. When this position contains 0 or 5, the process moves 0 to the second decimal position in the generated TRNS-CD 871.

3.2.3.57 System ID 1972, General Ledger Reconciliation. System ID 1972 is an as-required System ID that writes two reports to provide the user with an analysis of the dollar balances of general ledger account numbers (GL-ACCT-NOs) in the S2K.GNLR file.

    a. SOMARDS General Ledger Reconciliation Report, PCN B67AXXL034R. This report provides a two-part listing of formula descriptions and S2K.GNLR file formula deviations. Part 1 displays each formula that the existing records in the S2K.GNLR file will be subjected. The formulas help to determine if the file is in balance by general ledger account code. This report also displays the corresponding formula identification for each of the formulas that are computed. Part 2 displays the key to the record (that is, GL-PROG-CON-KEY – C1) that does not pass one or more of the formula tests along with the appropriate formula identification.

    b. SOMARDS General Ledger/Fund File Reconciliation, PCN B67AXXL084R. This report provides a listing of all the general ledger account records and each record's corresponding dollar balance in the

S2K.FUND and S2K.GNLR files when a dollar variance occurs between the two files. Each general ledger account record is listed by department code, program year, appropriation, limitation, operating agency, allotment, and FSN within each CMD-DSG. The formulas used to compute the dollar variances between the two files for each GL-ACCT-NO are as follows:

GL-ACCT NO	S2K.FUND FILE VALUES USED IN RECONCILIATION PROCESS	
101100	GL-CUM-BAL added to GL-CUM-BAL of GL-ACCT-NO 101400 for reconciliation	
101110	GL-CUM-BAL added to GL-CUM-BAL of GL-ACCT-NO 101440 for reconciliation	
101200	GL-CUM-BAL added to GL-CUM-BAL of GL-ACCT-NO 101500 for reconciliation	
101210	GL-CUM-BAL added to GL-CUM-BAL of GL-ACCT-NO 101540 for reconciliation	
101300	+ QTRLY-FUNDS-DIR-CFI,	if APROP-SYM does not equal 4930
	- RESR-DISB-CFI,	if APROP-SYM does not equal 4930, and if MGR-RESR-REF-REC does not equal N,S,Z
	+ EOR-DISB-CFI,	if APROP-SYM does not equal 4930 and EOR equals 4600
	+ EOR-DISB-FYTD,	if APROP-SYM does not equal 4930 and EOR does not equal 4600
	+ EOR-DISB-NM,	if APROP-SYM does not equal 4930 and EOR does not equal 4600
	+ REIMB-COLL-CFI,	if APROP-SYM does not equal 4930
	- REIMB-COLL-FYTD,	if APROP-SYM does not equal 4930
	- REIMB-COLL-NM,	if APROP-SYM does not equal 4930
	- REIMB-ADV-REC-CFI,	if APROP-SYM does not equal 4930
	+ REIMB-ADV-REC-FYTD,	if APROP-SYM does not equal 4930
	+ REIMB-ADV-REC-NM,	if APROP-SYM does not equal 4930
	+ REIMB-ADV-USED-CFI,	if APROP-SYM does not equal 4930
	- REIMB-ADV-USED-FYTD,	if APROP-SYM does not equal 4930
	- REIMB-ADV-USED-NM,	if APROP-SYM does not equal 4930
101310	- RESR-DISB-CFI,	if APROP-SYM equals 4930, and if MGR-RESR-REF-REC does not equal N,S,Z
	+ EOR-DISB-CFI,	if APROP-SYM equals 4930 and EOR equals 4600
	+ EOR-DISB-FYTD,	if APROP-SYM equals 4930 and EOR does not equal 4600
	+ EOR-DISB-NM,	if APROP-SYM equals 4930 and EOR does not equal 4600
	+ REIMB-COLL-CFI,	if APROP-SYM equals 4930
	- REIMB-COLL-FYTD,	if APROP-SYM equals 4930
	- REIMB-COLL-NM,	if APROP-SYM equals 4930
	- REIMB-ADV-REC-CFI,	if APROP-SYM equals 4930
	+ REIMB-ADV-REC-FYTD,	if APROP-SYM equals 4930
	+ REIMB-ADV-REC-NM,	if APROP-SYM equals 4930
	+ REIMB-ADV-USED-CFI,	if APROP-SYM equals 4930
	- REIMB-ADV-USED-FYTD,	if APROP-SYM equals 4930
	- REIMB-ADV-USED-NM,	if APROP-SYM equals 4930

GL-ACCT NO	S2K.FUND FILE VALUES USED IN RECONCILIATION PROCESS	
101400	+ REIMB-COLL-FYTD,	if APROP-SYM does not equal 4930
	+ REIMB-COLL-NM,	if APROP-SYM does not equal 4930
	+ REIMB-ADV-REC-CFI,	if APROP-SYM does not equal 4930
	- REIMB-ADV-REC-FYTD,	if APROP-SYM does not equal 4930
	- REIMB-ADV-REC-NM,	if APROP-SYM does not equal 4930
	- REIMB-ADV-USED-CFI,	if APROP-SYM does not equal 4930
	+ REIMB-ADV-USED-FYTD,	if APROP-SYM does not equal 4930
	+ REIMB-ADV-USED-NM,	if APROP-SYM does not equal 4930
101440	+ REIMB-COLL-FYTD,	if APROP-SYM equals 4930
	+ REIMB-COLL-NM,	if APROP-SYM equals 4930
	+ REIMB-ADV-REC-CFI,	if APROP-SYM equals 4930
	- REIMB-ADV-REC-FYTD,	if APROP-SYM equals 4930
	- REIMB-ADV-REC-NM,	if APROP-SYM equals 4930
	- REIMB-ADV-USED-CFI,	if APROP-SYM equals 4930
	+ REIMB-ADV-USED-FYTD,	if APROP-SYM equals 4930
	+ REIMB-ADV-USED-NM,	if APROP-SYM equals 4930
101500	- EOR-DISB-CFI,	if APROP-SYM does not equal 4930 and EOR equals 4600
	- EOR-DISB-FYTD,	if APROP-SYM does not equal 4930 and EOR does not equal 4600
	- EOR-DISB-NM,	if APROP-SYM does not equal 4930 and EOR does not equal 4600
	- PROGR-ADV-CFI,	if APROP-SYM does not equal 4930
	- PROG-ADV-RECOUP-CFI,	if APROP-SYM does not equal 4930
101540	- EOR-DISB-CFI,	if APROP-SYM equals 4930 and EOR equals 4600
	- EOR-DISB-FYTD,	if APROP-SYM equals 4930 and EOR does not equal 4600
	- EOR-DISB-NM,	if APROP-SYM equals 4930 and EOR does not equal 4600
	- PROGR-ADV-CFI,	if APROP-SYM equals 4930
	- PROG-ADV-RECOUP-CFI,	if APROP-SYM equals 4930
131100	+ REIMB-EARN-CFI,	if REIMB-SRC-CD equals A01 or A02, or if position 1 of REIMB-SRC-CD equals 1, 2, 3, 4, 5, 6, 7, 8, or B
	- REIMB-COLL-CFI,	if REIMB-SRC-CD equals A01 or A02, or if position 1 of REIMB-SRC-CD equals 1, 2, 3, 4, 5, 6, 7, 8, or B
	+ REIMB-ADV-REC-CFI,	if REIMB-SRC-CD equals A01 or A02, or if position 1 of REIMB-SRC-CD equals 1, 2, 3, 4, 5, 6, 7, 8, or B
	- REIMB-ADV-USED-CFI,	if REIMB-SRC-CD equals A01 or A02, or if position 1 of REIMB-SRC-CD equals 1, 2, 3, 4, 5, 6, 7, 8, or B

GL-ACCT NO	S2K.FUND FILE VALUES USED IN RECONCILIATION PROCESS	
131300	+ REIMB-EARN-CFI,	if REIMB-SRC-CD does not equal A01 or A02, or if position 1 of REIMB-SRC-CD does not equal 1, 2, 3, 4, 5, 6, 7, 8, or B
	- REIMB-COLL-CFI,	if REIMB-SRC-CD does not equal A01 or A02, or if position 1 of REIMB-SRC-CD does not equal 1, 2, 3, 4, 5, 6, 7, 8, or B
	+ REIMB-ADV-REC-CFI,	if REIMB-SRC-CD does not equal A01 or A02, or if position 1 of REIMB-SRC-CD does not equal 1, 2, 3, 4, 5, 6, 7, 8, or B
	- REIMB-ADV-USED-CFI,	if REIMB-SRC-CD does not equal A01 or A02, or if position 1 of REIMB-SRC-CD does not equal 1, 2, 3, 4, 5, 6, 7, 8, or B
131500	+ EOR-DISB-WI-CFI,	if EOR equals 4600
131600	+ EOR-DISB-WO-CFI,	if EOR equals 4600
141100	+ PROG-ADV-CFI,	if pos 11-13 of ADV-CONCAT-KEY equals 930 or 942
	+ PROG-ADV-RECOUP-CFI,	if pos 11-13 of ADV-CONCAT-KEY equals 930 or 942
141200	+ PROG-ADV-CFI,	if pos 11-13 of ADV-CONCAT-KEY equals 970
	+ PROG-ADV-RECOUP-CFI,	if pos 11-13 of ADV-CONCAT-KEY equals 970
141400	+ PROG-ADV-CFI,	if pos 11-13 of ADV-CONCAT-KEY does not equal 930, 942, 944, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 970
	+ PROG-ADV-RECOUP-CFI,	if pos 11-13 of ADV-CONCAT-KEY does not equal 930, 942, 944, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 970
141500	+ PROG-ADV-CFI,	if pos 11-13 of ADV-CONCAT-KEY equals 944, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959
	+ PROG-ADV-RECOUP-CFI,	if pos 11-13 of ADV-CONCAT-KEY equals 944, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959
145300	Cannot be reconciled to the S2K.FUND	
158200	Cannot be reconciled to the S2K.FUND	
211100	+ EOR-DISB-WI-CFI,	if pos 1-2 of EOR does not equal 11, 12 (except 1210, 1250), 14, 15, 16, 17, or if EOR equals 4600
	- EOR-EXP-WI-CFI,	if pos 1-2 of EOR does not equal 11, 12 (except 1210, 1250), 14, 15, 16, 17, or if EOR equals 4600
211300	+ EOR-DISB-WO-CFI,	if pos 1-2 of EOR does not equal 11, 12 (except 1210, 1250), 14, 15, 16, 17, or if EOR equals 4600
	- EOR-EXP-WO-CFI,	if pos 1-2 of EOR does not equal 11, 12 (except 1210, 1250), 14, 15, 16, 17, or if EOR equals 4600
221100	+ EOR-DISB-CFI,	if pos 1-2 of EOR equals 11, 14, or 16
	- EOR-EXP-CFI,	if pos 1-2 of EOR equals 11, 14, or 16

GL-ACCT NO	S2K.FUND FILE VALUES USED IN RECONCILIATION PROCESS	
221300	+ EOR-DISB-CFI,	if pos 1-2 of EOR equals 12 (except 1210, 1250), 15, or 17
	- EOR-EXP-CFI,	if pos 1-2 of EOR equals 12 (except 1210, 1250), 15, or 17
222100	Cannot be reconciled to the S2K.FUND	
231100	- REIMB-ADV-REC-CFI,	if REIMB-SRC-CD equals A01 or A02, or if position 1 of REIMB-SRC-CD equals 1, 2, 3, 4, 5, 6, 7, 8, or B
	+ REIMB-ADV-USED-CFI,	if REIMB-SRC-CD equals A01 or A02, or if position 1 of REIMB-SRC-CD equals 1, 2, 3, 4, 5, 6, 7, 8, or B
231200	- REIMB-ADV-REC-CFI,	if REIMB-SRC-CD does not equal A01 or A02, or if position 1 of REIMB-SRC-CD does not equal 1, 2, 3, 4, 5, 6, 7, 8, or B
	+ REIMB-ADV-USED-CFI,	if REIMB-SRC-CD does not equal A01 or A02, or if position 1 of REIMB-SRC-CD does not equal 1, 2, 3, 4, 5, 6, 7, 8, or B
310000	Cannot be reconciled to the S2K.FUND	
323100	Cannot be reconciled to the S2K.FUND	
331110	Cannot be reconciled to the S2K.FUND	
331200	Cannot be reconciled to the S2K.FUND	
331300	Cannot be reconciled to the S2K.FUND	
331800	Cannot be reconciled to the S2K.FUND	
332100	Cannot be reconciled to the S2K.FUND	
332200	Cannot be reconciled to the S2K.FUND	
332300	Cannot be reconciled to the S2K.FUND	
332800	Cannot be reconciled to the S2K.FUND	
310000	Cannot be reconciled to the S2K.FUND	
422100	- ORD-REC-CFI,	if RESR-TY-FIN-CD equals 6
	+ REIMB-COLL-CFI,	if RESR-TY-FIN-CD equals 6
	- REIMB-COLL-FYTD,	if RESR-TY-FIN-CD equals 6
	- REIMB-COLL-NM,	if RESR-TY-FIN-CD equals 6
	- REIMB-ADV-REC-CFI,	if RESR-TY-FIN-CD equals 6
	+ REIMB-ADV-USED-CFI,	if RESR-TY-FIN-CD equals 6
	+ REIMB-ADV-REC-FYTD,	if RESR-TY-FIN-CD equals 6
	+ REIMB-ADV-REC-NM,	if RESR-TY-FIN-CD equals 6
	- REIMB-ADV-USED-FYTD,	if RESR-TY-FIN-CD equals 6
	- REIMB-ADV-USED-NM,	if RESR-TY-FIN-CD equals 6

GL-ACCT NO	S2K.FUND FILE VALUES USED IN RECONCILIATION PROCESS	
422200	- ORD-REC-CFI,	if RESR-TY-FIN-CD equals 2
	+ REIMB-COLL-CFI,	if RESR-TY-FIN-CD equals 2
	- REIMB-COLL-FYTD,	if RESR-TY-FIN-CD equals 2
	- REIMB-COLL-NM,	if RESR-TY-FIN-CD equals 2
	- REIMB-ADV-REC-CFI,	if RESR-TY-FIN-CD equals 2
	+ REIMB-ADV-USED-CFI,	if RESR-TY-FIN-CD equals 2
	+ REIMB-ADV-REC-FYTD,	if RESR-TY-FIN-CD equals 2
	+ REIMB-ADV-REC-NM,	if RESR-TY-FIN-CD equals 2
	- REIMB-ADV-USED-FYTD,	if RESR-TY-FIN-CD equals 2
	- REIMB-ADV-USED-NM,	if RESR-TY-FIN-CD equals 2
423100	+ ORD-REC-CFI,	if RESR-TY-FIN-CD equals 6
	- REIMB-EARN-CFI,	if RESR-TY-FIN-CD equals 6
	- REIMB-ADV-REC-CFI,	if RESR-TY-FIN-CD equals 6
	+ REIMB-ADV-USED-CFI,	if RESR-TY-FIN-CD equals 6
423200	+ ORD-REC-CFI,	if RESR-TY-FIN-CD equals 2
	- REIMB-EARN-CFI,	if RESR-TY-FIN-CD equals 2
	- REIMB-ADV-REC-CFI,	if RESR-TY-FIN-CD equals 2
	+ REIMB-ADV-USED-CFI,	if RESR-TY-FIN-CD equals 2
423300	+ REIMB-ADV-REC-CFI,	if RESR-TY-FIN-CD equals 6
	- REIMB-ADV-USED-CFI,	if RESR-TY-FIN-CD equals 6
423400	+ REIMB-ADV-REC-CFI,	if RESR-TY-FIN-CD equals 2
	- REIMB-ADV-USED-CFI,	if RESR-TY-FIN-CD equals 2
425100	+ REIMB-EARN-CFI,	if RESR-TY-FIN-CD equals 6
	- REIMB-COLL-CFI,	if RESR-TY-FIN-CD equals 6
	+ REIMB-ADV-REC-CFI,	if RESR-TY-FIN-CD equals 6
	- REIMB-ADV-USED-CFI,	if RESR-TY-FIN-CD equals 6
425200	+ REIMB-EARN-CFI,	if RESR-TY-FIN-CD equals 2
	- REIMB-COLL-CFI,	if RESR-TY-FIN-CD equals 2
	+ REIMB-ADV-REC-CFI,	if RESR-TY-FIN-CD equals 2
	- REIMB-ADV-USED-CFI,	if RESR-TY-FIN-CD equals 2
425300	+ REIMB-COLL-FYTD,	if RESR-TY-FIN-CD equals 6
	+ REIMB-COLL-NM,	if RESR-TY-FIN-CD equals 6
	- REIMB-ADV-REC-FYTD,	if RESR-TY-FIN-CD equals 6
	- REIMB-ADV-REC-NM,	if RESR-TY-FIN-CD equals 6
	+ REIMB-ADV-USED-FYTD,	if RESR-TY-FIN-CD equals 6
	+ REIMB-ADV-USED-NM,	if RESR-TY-FIN-CD equals 6
425400	+ REIMB-COLL-FYTD,	if RESR-TY-FIN-CD equals 2
	+ REIMB-COLL-NM,	if RESR-TY-FIN-CD equals 2
	- REIMB-ADV-REC-FYTD,	if RESR-TY-FIN-CD equals 2
	- REIMB-ADV-REC-NM,	if RESR-TY-FIN-CD equals 2
	+ REIMB-ADV-USED-FYTD,	if RESR-TY-FIN-CD equals 2
	+ REIMB-ADV-USED-NM,	if RESR-TY-FIN-CD equals 2

GL-ACCT NO	S2K.FUND FILE VALUES USED IN RECONCILIATION PROCESS	
432100	+ EOR-DEOBLG-WO-FYTD,	if RESR-TY-FIN-CD equals A or 1
	+ EOR-DEOBLG-WO-NM,	if RESR-TY-FIN-CD equals A or 1
	+ EOR-DEOBLG-WI-FYTD,	if RESR-TY-FIN-CD equals A or 1
	+ EOR-DEOBLG-WI-NM,	if RESR-TY-FIN-CD equals A or 1
432200	+ EOR-DEOBLG-WO-FYTD,	if RESR-TY-FIN-CD equals 2 or 6
	+ EOR-DEOBLG-WO-NM,	if RESR-TY-FIN-CD equals 2 or 6
	+ EOR-DEOBLG-WI-FYTD,	if RESR-TY-FIN-CD equals 2 or 6
	+ EOR-DEOBLG-WI-NM,	if RESR-TY-FIN-CD equals 2 or 6
433000	- EOR-DEOBLG-WO-FYTD	
	- EOR-DEOBLG-WO-NM	
	- EOR-DEOBLG-WI-FYTD	
	- EOR-DEOBLG-WI-NM	
458010	+ QTRLY-FUNDS-DIR-CFI,	if APROP-SYM does not equal 4930
	- RESR-DISB-CFI,	if RESR-TY-FIN-CD equals A or 1, and if APROP-SYM does not equal 4930, and if MGR-RESR-REF-REC does not equal N,S,Z
	+ EOR-DISB-CFI,	if RESR-TY-FIN-CD equals A or 1, and if APROP-SYM does not equal 4930, and if EOR equals 4600
	+ EOR-DISB-FYTD,	if RESR-TY-FIN-CD equals A or 1, and if APROP-SYM does not equal 4930, and if EOR does not equal 4600
	+ EOR-DISB-NM,	if RESR-TY-FIN-CD equals A or 1, and if APROP-SYM does not equal 4930, and if EOR does not equal 4600
458100	+ QTRLY-FUNDS-AUTO-CFI	
	- RESR-DISB-CFI,	if RESR-TY-FIN-CD equals 6, and if APROP-SYM does not equal 4930, and if MGR-RESR-REF-REC does not equal N,S,Z
	+ EOR-DISB-CFI,	if RESR-TY-FIN-CD equals 6, and if APROP-SYM does not equal 4930, and if EOR equals 4600
	+ EOR-DISB-FYTD,	if RESR-TY-FIN-CD equals 6, and if APROP-SYM does not equal 4930, and if EOR does not equal 4600
	+ EOR-DISB-NM,	if RESR-TY-FIN-CD equals 6, and if APROP-SYM does not equal 4930, and if EOR does not equal 4600
459100	+ QTRLY-FUNDS-DIR-CFI,	if APROP-SYM equals 4930
	+ QTRLY-FUNDS-FND-CFI	
	- RESR-DISB-CFI,	if MGR-RESR-REF-REC does not equal N,S,Z, and if APROP-SYM does not equal 4930, and if RESR-TY-FIN-CD equals 2
		OR
		if MGR-RESR-REF-REC does not equal N,S,Z, and if APROP-SYM equals 4930, and if RESR-TY-FIN-CD equals A or 1
	+ EOR-DISB-CFI,	if APROP-SYM does not equal 4930, and if RESR-TY-FIN-CD equals 2, and if EOR equals 4600
	+ EOR-DISB-FYTD,	if APROP-SYM does not equal 4930, and if RESR-TY-FIN-CD equals 2, and if EOR does not equal 4600

GL-ACCT NO	S2K.FUND FILE VALUES USED IN RECONCILIATION PROCESS	
		OR
		if APROP-SYM equals 4930, and if RESR-TY-FIN-CD equals A, or 1
	+ EOR-DISB-NM,	if APROP-SYM does not equal 4930, and if RESR-TY-FIN-CD equals 2, and if EOR does not equal 4600
		OR
		if APROP-SYM equals 4930, and if RESR-TY-FIN-CD equals A, or 1
461100	- QTRLY-FUNDS-DIR-CFI	
	+ RESR-COMT-CFI,	if RESR-TY-FIN-CD equals A or 1, and if MGR-RESR-REF-REC does not equal N,S,Z
461400	+ RESR-COMT-CFI,	if RESR-TY-FIN-CD equals 2 or 6, and if MGR-RESR-REF-REC does not equal N,S,Z
	- ORD-REC-CFI,	if RESR-TY-FIN-CD equals 2 or 6, and if CUST-ORD-TY does not equal AM or PM
462100	- QTRLY-FUNDS-AUTO-CFI,	if PROG-EXEC-CD equals 6 or 8
	+ ORD-REC-CFI,	if RESR-TY-FIN-CD equals 6, and if CUST-ORD-TY does not equal AM or PM
463200	- QTRLY-FUNDS-FND-CFI,	if PROG-EXEC-CD equals 2 or 8
	+ ORD-REC-CFI,	if RESR-TY-FIN-CD equals 2, and if CUST-ORD-TY does not equal AM or PM
471000	- RESR-COMT-CFI,	if APROP-SYM does not equal 4930 and if RESR-TY-FIN-CD equals A or 1, and if MGR-RESR-REF-REC does not equal N,S,Z
	+ RESR-OBLG-CFI,	if APROP-SYM does not equal 4930 and if RESR-TY-FIN-CD equals A or 1, and if MGR-RESR-REF-REC does not equal N,S,Z
472000	- RESR-COMT-CFI,	if APROP-SYM does not equal 4930 and if RESR-TY-FIN-CD equals 2 or 6, and if MGR-RESR-REF-REC does not equal N,S,Z
	+ RESR-OBLG-CFI,	if APROP-SYM does not equal 4930 and if RESR-TY-FIN-CD equals 2 or 6, and if MGR-RESR-REF-REC does not equal N,S,Z
472100	- RESR-COMT-CFI,	if APROP-SYM equals 4930, and if MGR-RESR-REF-REC does not equal N,S,Z
	+ RESR-OBLG-CFI,	if APROP-SYM equals 4930, and if MGR-RESR-REF-REC does not equal N,S,Z

GL-ACCT NO	S2K.FUND FILE VALUES USED IN RECONCILIATION PROCESS	
481100	- RESR-OBLG-CFI,	if APROP-SYM does not equal 4930 and if RESR-TY-FIN-CD equals A or 1, and if MGR-RESR-REF-REC does not equal N,S,Z
	+ RESR-EXP-CFI,	if APROP-SYM does not equal 4930 and if RESR-TY-FIN-CD equals A or 1, and if MGR-RESR-REF-REC does not equal N,S,Z
	+ PROG-ADV-CFI,	if APROP-SYM does not equal 4930 and if RESR-TY-FIN-CD equals A or 1
	+ PROG-ADV-RECOUP-CFI,	if APROP-SYM does not equal 4930 and if RESR-TY-FIN-CD equals A or 1
481200	- PROG-ADV-CFI,	if RESR-TY-FIN-CD equals A or 1
	- PROG-ADV-RECOUP-CFI,	if RESR-TY-FIN-CD equals A or 1
482100	- RESR-OBLG-CFI,	if APROP-SYM does not equal 4930 and if RESR-TY-FIN-CD equals 2 or 6, and if MGR-RESR-REF-REC does not equal N,S,Z
	+ RESR-EXP-CFI,	if APROP-SYM does not equal 4930 and if RESR-TY-FIN-CD equals 2 or 6, and if MGR-RESR-REF-REC does not equal N,S,Z
	+ PROG-ADV-CFI,	if APROP-SYM does not equal 4930 and if RESR-TY-FIN-CD equals 2 or 6
	+ PROG-ADV-RECOUP-CFI,	if APROP-SYM does not equal 4930 and if RESR-TY-FIN-CD equals 2 or 6
482200	- PROG-ADV-CFI,	if APROP-SYM does not equal 4930 and if RESR-TY-FIN-CD equals 2 or 6
	- PROG-ADV-RECOUP-CFI,	if APROP-SYM does not equal 4930 and if RESR-TY-FIN-CD equals 2 or 6
482300	- RESR-OBLG-CFI,	if APROP-SYM equals 4930, and if MGR-RESR-REF-REC does not equal N,S,Z
	+ RESR-EXP-CFI,	if APROP-SYM equals 4930, and if MGR-RESR-REF-REC does not equal N,S,Z
	+ PROG-ADV-CFI,	if APROP-SYM equals 4930
	+ PROG-ADV-RECOUP-CFI,	if APROP-SYM equals 4930
482400	- PROG-ADV-CFI,	if APROP-SYM equals 4930
	- PROG-ADV-RECOUP-CFI,	if APROP-SYM equals 4930
491000	+ RESR-DISB-CFI,	if APROP-SYM does not equal 4930, and if RESR-TY-FIN-CD equals A or 1, and if MGR-RESR-REF-REC does not equal N,S,Z
	- RESR-EXP-CFI,	if APROP-SYM does not equal 4930, and if RESR-TY-FIN-CD equals A or 1, and if MGR-RESR-REF-REC does not equal N,S,Z

GL-ACCT NO	S2K.FUND FILE VALUES USED IN RECONCILIATION PROCESS	
492000	+ RESR-DISB-CFI,	if APROP-SYM does not equal 4930, and if RESR-TY-FIN-CD equals 2 or 6, and if MGR-RESR-REF-REC does not equal N,S,Z
	- RESR-EXP-CFI,	if APROP-SYM does not equal 4930, and if RESR-TY-FIN-CD equals 2 or 6, and if MGR-RESR-REF-REC does not equal N,S,Z
492200	+ RESR-DISB-CFI,	if APROP-SYM equals 4930, and if MGR-RESR-REF-REC does not equal N,S,Z
	- RESR-EXP-CFI,	if APROP-SYM equals 4930, and if MGR-RESR-REF-REC does not equal N,S,Z
493100	- EOR-DISB-FYTD,	if APROP-SYM does not equal 4930, and if RESR-TY-FIN-CD equals A or 1, and if EOR does not equal 4600
	- EOR-DISB-NM,	if APROP-SYM does not equal 4930, and if RESR-TY-FIN-CD equals A or 1, and if EOR does not equal 4600
493200	- EOR-DISB-CFI,	if APROP-SYM does not equal 4930, and if RESR-TY-FIN-CD equals A or 1, and if EOR equals 4600
494100	- EOR-DISB-FYTD,	if APROP-SYM does not equal 4930, and if RESR-TY-FIN-CD equals 2 or 6, and if EOR does not equal 4600
	- EOR-DISB-NM,	if APROP-SYM does not equal 4930, and if RESR-TY-FIN-CD equals 2 or 6, and if EOR does not equal 4600
494200	- EOR-DISB-CFI,	if APROP-SYM does not equal 4930, and if RESR-TY-FIN-CD equals 2 or 6, and if EOR equals 4600
494300	- EOR-DISB-FYTD,	if APROP-SYM equals 4930
	- EOR-DISB-NM,	if APROP-SYM equals 4930
510010	- REIMB-EARN-FYTD,	if REIMB-SRC-CD does not equal A01 or A02, or if position 1 of REIMB-SRC-CD does not equal 1, 2, 3, 4, 5, 6, 7, 8, or B, and if RESR-CMD-DSG does not equal I,K,M,P
	- REIMB-EARN-NM,	if REIMB-SRC-CD does not equal A01 or A02, or if position 1 of REIMB-SRC-CD dos not equal 1, 2, 3, 4, 5, 6, 7, 8, or B, and if RESR-CMD-DSG does not equal I,K,M,P
510020	- REIMB-EARN-FYTD,	if REIMB-SRC-CD equals A01 or A02, or if position 1 of REIMB-SRC-CD equals 1, 2, 3, 4, 5, 6, 7, 8, or B, and if RESR-CMD-DSG does not equal I,K,M,P
	- REIMB-EARN-NM,	if REIMB-SRC-CD equals A01 or A02, or if position 1 of REIMB-SRC-CD equals 1, 2, 3, 4, 5, 6, 7, 8, or B, and if RESR-CMD-DSG does not equal I,K,M,P

GL-ACCT NO	S2K.FUND FILE VALUES USED IN RECONCILIATION PROCESS	
520010	- REIMB-EARN-FYTD,	if REIMB-SRC-CD does not equal A01 or A02, or if position 1 of REIMB-SRC-CD does not equal 1, 2, 3, 4, 5, 6, 7, 8, or B, and if RESR-CMD-DSG equals I,K,M,P
	- REIMB-EARN-NM,	if REIMB-SRC-CD does not equal A01 or A02, or if position 1 of REIMB-SRC-CD dos not equal 1, 2, 3, 4, 5, 6, 7, 8, or B, and if RESR-CMD-DSG equals I,K,M,P
520020	- REIMB-EARN-FYTD,	if REIMB-SRC-CD equals A01 or A02, or if position 1 of REIMB-SRC-CD equals 1, 2, 3, 4, 5, 6, 7, 8, or B, and if RESR-CMD-DSG equals I,K,M,P
	- REIMB-EARN-NM,	if REIMB-SRC-CD equals A01 or A02, or if position 1 of REIMB-SRC-CD equals 1, 2, 3, 4, 5, 6, 7, 8, or B, and if RESR-CMD-DSG equals I,K,M,P
611100	Cannot be reconciled to the S2K.FUND	
611300	Cannot be reconciled to the S2K.FUND	
611500	Cannot be reconciled to the S2K.FUND	
611600	Cannot be reconciled to the S2K.FUND	
611700	Cannot be reconciled to the S2K.FUND	
611800	Cannot be reconciled to the S2K.FUND	
611900	Cannot be reconciled to the S2K.FUND	
612000	Cannot be reconciled to the S2K.FUND	
612010	Cannot be reconciled to the S2K.FUND	
612020	Cannot be reconciled to the S2K.FUND	
612100	Cannot be reconciled to the S2K.FUND	
612200	Cannot be reconciled to the S2K.FUND	
612900	Cannot be reconciled to the S2K.FUND	
613000	Cannot be reconciled to the S2K.FUND	

GL-ACCT NO	S2K.FUND FILE VALUES USED IN RECONCILIATION PROCESS	
650010	+ EOR-EXP-FYTD,	if RESR-TY-FIN-CD equals 2 or 6 and if REIMB-SRC-CD does not equal A01 or A02, or if position 1 of REIMB-SRC-CD does not equal 1, 2, 3, 4, 5, 6, 7, 8, or B
	+ EOR-EXP-NM,	if RESR-TY-FIN-CD equals 2 or 6 and if REIMB-SRC-CD does not equal A01 or A02, or if position 1 of REIMB-SRC-CD does not equal 1, 2, 3, 4, 5, 6, 7, 8, or B
650020	+ EOR-EXP-FYTD,	if RESR-TY-FIN-CD equals 2 or 6 and if REIMB-SRC-CD equals A01 or A02, or if position 1 of REIMB-SRC-CD equals 1, 2, 3, 4, 5, 6, 7, 8, or B
	+ EOR-EXP-NM,	if RESR-TY-FIN-CD equals 2 or 6 and if REIMB-SRC-CD equals A01 or A02, or if position 1 of REIMB-SRC-CD equals 1, 2, 3, 4, 5, 6, 7, 8, or B

3.2.3.58 System ID 1973, FMS Administrative Costs Process. This as required process increases current expenses recorded for FMS direct cite administrative work efforts by the application of fringe benefit, and in some cases leave/holiday add-on costs, directly to FMS job order records. These job order records are those where the associated resource record contains an APROP-SYM equal to 8242 and the RESR-TY-FIN code is equal to 1 (direct).

a. File Identification of Applicable Records. For add-on costs to be applied, the FMS-ADD-ON-CD in the job order record must equal A or B. An A indicates part-time FMS direct cite work has been expensed and should be increased with an add-on for leave/holiday and fringe benefits. A code of B indicates full-time work was expensed and should be increased with an add-on for fringe benefits only. The option exists to leave the FMS-ADD-ON-CD blank for full-time FMS work. In this case, no add-on costs are charged against that job order's current expenses. Anytime the FMS-ADD-ON-CD equals A or B, the SB-JO-NO (switch block) must also be updated so that increases to the job order's expenses are offset (credited) to a direct Army job. That direct Army job must already be established as a job order in the S2K file.

b. Input to System ID 1973. This process receives cost (expense) data from System IDs 1902, 1903, 1908, 1909, 1916, 1923, and 1931. Information such as MGR-RESR-REF-NO, JO-NO, EOR, ACT-AMT, and HRS are passed by these System IDs whenever the RESR-TY-FIN-CD equals 1, the APROP-SYM equals 8242, the FMS-ADD-ON-CD equals A or B, and the EOR contains specific values. The EORs passed are those where:

> positions 1 and 2 equal 11, 14, or 16 and
> position 3 equals B, G, H, J, or L
> > and
> positions 1 and 2 equal 12, 15, or 17 and
> position 3 equals K, L, N, Q, X, or Y

(1) System ID 1902 passes records for both the bi-weekly payroll and the reversal records from the prior accrual process.

(2) System ID 1916 passes records for only manual labor TRNS-CDs 347, 557, 626, and 642.

c. File Validation. All records passed to System ID 1973 are summarized since the input data may contain the same key values or have been accumulating over a period of time. Before costs are calculated and applied, the incoming data will be validated against the S2K.FUND file to determine if the information is still valid or has changed before this process was scheduled. If differences are found, then cost add-ons may not be performed for some records. Error codes are assigned and the invalid data will appear on the rejected transactions report that will be produced from this process. Error codes and invalid conditions that may be assigned for each incoming record are as follows:

Error Code	Condition
09	JO-NO not found in S2K.FUND file. No add-on costing performed for this record.
10	SB-JO-NO (switch block JO-NO) related to incoming JO-NO no longer existed in the S2K.FUND file. Therefore, no add-on costing could be performed for the credit side. However, add-on costing was performed for the incoming JO-NO.

d. Add-on Costs. The add-on cost calculations are performed by type of EOR. As mentioned above, like data are summarized before calculations are performed. The summarization process adds hours and dollars by type of EOR (that is full-time permanent civilian pay, temporary part-time and intermittent civilian pay, and part-time and intermittent civilian pay) and type of employee (that is, GS, WG, GM, and SES). This result is multiplied by percentages contained in the billing rate record of SOMARATE. The percentages used are: LV-HOL-PCT, OTH-BENE-PCT, HEALTH-INS-PCT, MDCR-PCT and FND-CIV-RETRMNT-PCT. These are the same percentages that are used in the reimbursable billing process for reimbursable order add-ons.

(1) For leave/holiday add-ons, the summarized dollars for total civilian labor by specific employee type are multiplied by the LV-HOL-PCT located in the billing rate record of SOMARATE. The summarized hours are also multiplied by the LV-HOL-PCT.

(2) For fringe benefit add-ons, the summarized dollars for total civilian labor by specific employee type are multiplied by the appropriate percentage for a specific type of fringe benefit. Fringe benefit EORs passed to this process are other benefits, health insurance, Medicare, and funded civilian retirement. Funded civilian retirement is further broken out by CSRS, FERS, and TSP.

(a) Fringe benefit calculations are more complicated because after the estimated fringe cost is determined, the actual fringe cost is subtracted so that the add-on charge does not exceed the total estimated cost. The following is an example for health insurance for a wage grade employee:

total civilian labor for wage grade = $25,000

health insurance percent = .10

actual wage grade health insurance = $2,000

$25,000 times .10 = $2,500 (resultant estimated cost)

$2,500 minus $2,000 = $500

wage grade health insurance add-on = $500

Note. If the actual cost were greater than the estimated cost, the add-on would result in a credit to that job order.

(b) When the process performs the funded civilian retirement calculation, the result is prorated to each retirement type and the actual retirement costs for each type is subtracted just as is done above. Any difference found in the sum of the prorated costs is applied to the civil service retirement EOR.

e. Generated Transactions. The result of each calculated amount is immediately updated to the S2K.FUND file by two transaction types: commit, obligate, expense (TRNS-CD 347) and disbursement by us (TRNS-CD 610). When the FMS JO-NO is related to a bulk JO-NO and a descendant commitment record exists, TRNS-CD 320 is generated to modify the commitment value related to the bulk JO-NO. The TRNS-CDs 347 and 320 are processed as current month while the TRNS-CD 610 is processed as next month.

(1) The FMS job order that receives add-on costs is normally posted with positive dollars. The SB-JO-NO is normally posted with negative action amount. When calculating for the SB-JO-NO, the process always multiplies the result by a negative 1.

(2) Following are the TRANS-IMAGE and the system-assigned values for the generated TRNS-CD 347:

ELEMENT	PIC	POSITION	VALUE ASSIGNED
CMD-DSG	X(01)	1	S2K.FUND RESR-CMD-DSG.
TRNS-CD	X(03)	2-4	347.
PROC-ACT-CD	X(01)	5	2.
INP-ACT-CD	X(06)	6-11	I00000.
BLK-TKT-NO	X(07)	12-18	FMS8242.
BLK-TKT-DT	X(08)	19-26	System date (CCYYMMDD).
UPDT-CD	X(02)	27-28	CM.
JO-NO	X(06)	29-34	JO-NO for FMS record. SB-JO-NO for direct army record.
EOR	X(04)	35-38	See EOR and TY-HRS assignment below.
COMT-REF-NO	X(14)	39-52	SB + JO-NO + FMS for FMS JO-NO. SB + SB-JO-NO + FMS for SB-JO-NO.
OBLG-REF-NO	X(14)	53-66	SB + JO-NO + EOR for FMS JO-NO. SB + SB-JO-NO + EOR for SB-JO-NO.
COST-CEN-MGR	X(06)	67-72	JO-NO-COST-CEN-MGR for the JO-NO and SB-JO-NO.

ELEMENT	PIC	POSITION	VALUE ASSIGNED
DOCU-DT	X(08)	73-80	System date (CCYYMMDD).
ACT-AMT	S9(10)V99	81-92	Computed cost add-on amount.
WI-FED-GOVT-CD	X(01)	93	F (within government) when positions 1 and 2 of EOR equal 12, 15, or 17. Otherwise assigned O (other public).
EMPL-NAME	X(27)	94-120	SWITCH BLOCK.
SSAN	X(09)	121-129	Positions 1 through 8 equal 99999999. Position 9 equals RESR-CMD-DSG.
PAY-PD-END-DT	X(08)	130-137	SOMAUNIQ file END-PD-DT (CCYYMMDD).
PR-CON-NO	X(02)	138-139	99.
TY-HRS	X(02)	140-141	See EOR and TY-HRS assignment below.
HRS	S9(06)V99	142-149	Computed amount when positions 1 and 2 of EOR equals 11, 14,or 16.
UNITS	S9(05)	150-154	00000.
OBLG-STAT-CD	X(01)	155	2.
JV-NO	X(06)	156-161	Spaces.
OBLG-TY-CD	X(01)	162	L.
NOMENCLATURE	X(35)	163-197	Spaces.
LBR-PAY-PD-NO	X(14)	198-211	Spaces.
SUB-JO-NO	X(08)	212-219	Spaces.
IFS-DOCU-NO	X(18)	220-237	Spaces.
TASK-CD	X(05)	238-242	Spaces.
PROD-IND	X(01)	243	N.
FILLER	X(57)	244-300	Spaces.

(3)   Whenever TRNS-CD 347 is generated, a transaction is generated for System ID 1911 for subsequent update to the SOMALBRD file (File ID RAKHBNB01). Following are the TRANS-IMAGE and the system assigned values for this generated transaction:

ELEMENT	PIC	POSITION	VALUE ASSIGNED
CMD-DSG	X(01)	1	S2K.FUND RESR-CMD-DSG.
TRNS-CD	X(03)	2-4	347.
ACT-AMT	S9(11)V99	5-17	TRNS-CD 347 ACT-AMT.
DOCU-DT	X(08)	18-25	System date (CCYYMMDD).
EMPL-NAME	X(27)	26-52	SWITCH BLOCK.
SSAN	X(09)	53-61	Positions 1 through 8 equal 99999999. Position 9 equals RESR-CMD-DSG.
PR-CON-NO	X(02)	62-63	99.
PAY-PD-END-DT	X(08)	64-71	SOMAUNIQ file END-PD-DT (CCYYMMDD).
TY-HRS	X(02)	72-73	TRNS-CD 347 TY-HRS.
HRS	S9(06)V99	74-81	TRNS-CD 347 HRS.
UNITS	S9(05)	82-86	00000.
JO-NO	X(06)	87-92	TRNS-CD 347 JO-NO.
ASSIGNED-CCM	X(06)	93-98	TRNS-CD 347 COST-CEN-MGR.
EOR	X(04)	99-102	TRNS-CD 347 EOR.
MGR-RESR-REF-NO	X(15)	103-117	S2K.FUND MGR-RESR-REF-NO.
SUB-JO-NO	X(08)	118-125	Spaces.
IFS-DOCU-NO	X(18)	126-143	Spaces.
TASK-CD	X(05)	144-148	Spaces.

    (4) Following are the TRANS-IMAGE and the system assigned values for the generated TRNS-CD 610:

ELEMENT	PIC	POSITION	VALUE ASSIGNED
CMD-DSG	X(01)	1	S2K.FUND RESR-CMD-DSG.
TRNS-CD	X(03)	2-4	610.
PROC-ACT-CD	X(01)	5	2.
INP-ACT-CD	X(06)	6-11	I00000.
BLK-TKT-NO	X(07)	12-18	FMS8242.
BLK-TKT-DT	X(08)	19-26	System date (CCYYMMDD).
UPDT-CD	X(02)	27-28	NM.

ELEMENT	PIC	POSITION	VALUE ASSIGNED
JO-NO	X(06)	29-34	JO-NO for FMS record. SB-JO-NO for direct army record.
EOR	X(04)	35-38	See EOR and TY-HRS assignment below.
COMT-REF-NO	X(14)	39-52	SB + JO-NO + FMS for FMS JO-NO. SB + SB-JO-NO + FMS for SB-JO-NO.
OBLG-REF-NO	X(18)	53-70	SB + JO-NO + EOR for FMS JO-NO. SB + SB-JO-NO + EOR for SB-JO-NO.
COST-CEN-MGR	X(06)	71-76	JO-NO-COST-CEN-MGR for the JO-NO and SB-JO-NO.
DOCU-DT	X(08)	77-84	System date (CCYYMMDD).
ACT-AMT	S9(10)V99	85-96	Computed cost add-on amount.
DOV-NO	X(06)	97-102	SWITCH.

BILL-NO	X(06)	103-108	Position 1 = position 2 of SOMAUNIQ CURR-FY.
			Positions 2 – 3 = SOMAUNIQ file MON-CD converted to a numeric value
			    A = 10 D = 01 G = 04 K = 07
			    B = 11 E = 02 H = 05 L = 08
			    C = 12 F = 03 J = 06 M = 09
			Positions 4 – 6 = FMS.

BILLED-DODAAC	X(06)	109-114	Spaces.
BILLING-DODAAC	X(06)	115-120	Spaces.
DSSN	X(04)	121-124	SOMAUNIQ CMD-DSSN.
DELMARS-XMIT-NO	X(02)	125-126	Spaces.
FIN-PRT-CD	X(01)	127	F.
COUNTRY-CD	X(02)	128-129	Spaces.
JV-NO	X(06)	130-135	Spaces.
QTY	S9(09)	136-144	000000000.
DISCOUNT-AMT	S9(10)V99	145-156	000000000000.
CLIN	X(06)	157-162	Spaces.

ELEMENT	PIC	POSITION	VALUE ASSIGNED
OBLG-TY-CD	X(01)	163	L.
ACRN	X(02)	164-165	Spaces.
SUB-JO-NO	X(08)	166-173	Spaces.
PROD-IND	X(01)	174	N.
IFS-DOCU-NO	X(18)	175-192	Spaces.
LBR-PAY-PD-NO	X(14)	193-206	Spaces.
FILLER	X(94)	207-300	Spaces.

(5) The EOR and TY-HRS assigned to the transactions depends on the type of calculation performed above. The table below provides all the EORs and TY-HRS used and assigned in this process.

(a) For leave/holiday.

Type	Series	EOR	TY-HRS
WG	11XX	11BC	0A
SES	11XX	11BF	0A
GM	11XX	11BG	0A
GS	11XX	11BB	0A
WG	14XX	14BC	0A
GS	14XX	14BB	0A
WG	16XX	16BC	0A
GS	16XX	16BB	0A

(b) For fringe benefits.

Fringe	Type	EOR	TY-HRS
Other benefits	WG	12KC, 15KC or 17KC	0N
	SES	12KF	0N
	GM	12KG	0N
	GS	12KB, 15KB or 17KB	0N
Health insurance	WG	12NC, 15NC or 17NC	0P
	SES	12NF	0P
	GM	12NG	0P
	GS	12NB, 15NB or 17NB	0P
Medicare	WG	12QC, 15QC or 17QC	0U
	SES	12QF	0U
	GM	12QG	0U
	GS	12QB, 15QB or 17QB	0U

Fringe	Type	EOR	TY-HRS
CSRS	WG	12LC, 15LC or 17LC	0J
	SES	12LF	0J
	GM	12LG	0J
	GS	12LB, 15LB or 17LB	0J
FERS	WG	12XC, 15XC or 17XC	0M
	SES	12XF	0M
	GM	12XG	0M
	GS	12XB, 15XB or 17XB	0M
TSP	WG	12YC, 15YC or 17YC	0Y
	SES	12YF	0Y
	GM	12YG	0Y
	GS	12YB, 15YB or 17YB	0Y

(6) Whenever TRNS-CD 610 is generated, a transaction is generated for DELMARS File ID DAKHAKF04. Following are the TRANS-IMAGE and the system assigned values for this generated transaction:

ELEMENT	PIC	POSITION	VALUE ASSIGNED
CMD-DSG	X(01)	1	S2K.FUND RESR-CMD-DSG.
REIMB-DSG	X(01)	2	0.
OP-AGCY	X(02)	3-4	S2K.FUND OP-AGCY.
APROP-SYM	X(04)	5-8	S2K.FUND APROP-SYM.
LIMIT	X(04)	9-12	S2K.FUND LIMIT.
PROG-YR	X(04)	13-16	S2K.FUND RESR-PROG-YR.
REIMB-SRC-CD	X(03)	17-19	Spaces.
ALOT	X(04)	20-23	S2K.FUND A LOT.
AMS-CD	X(11)	24-34	S2K.FUND JO-MON-AMS-REPT-LVL.
REC-TY	X(01)	35	4.
FDRI	X(03)	36-38	33A when positions 1 and 2 of EOR equal 12, 15, or 17. Otherwise assigned 33G.
DSSN	X(04)	39-42	SOMAUNIQ CMD-DSSN.
BILL-NO	X(06)	43-48	Spaces.

ELEMENT	PIC	POSITION	VALUE ASSIGNED
DELMARS-XMIT-NO	X(02)	49-50	Spaces.
ACT-AMT	S9(10)V99	51-62	TRNS-CD 610 ACT-AMT.
DEPT-CD	X(02)	63-64	S2K.FUND RESR-DEPT-CD.
FISC-STA-NO	X(06)	65-70	S2K.FUND RESR-FISC-STA-NO.
BILLED-DODAAC	X(06)	71-76	Spaces.
BILLING-DODAAC	X(06)	77-82	Spaces.
BLK-TIKT-DT	X(08)	83-90	System date (CCYYMMDD).
BLK-TIKT-NO	X(07)	91-97	FMS8242.
DOV-NO	X(06)	98-103	SWITCH.
EOR	X(04)	104-107	TRNS-CD 610 EOR.
DISB-COUNTRY-CD	X(02)	108-109	Spaces.
UPDT-CD	X(02)	110-111	NM.
TRNS-CD	X(03)	112-114	610.
ORIG-PROG-YR	X(04)	115-118	S2K.FUND ORIG-PROG-YR if S2K.FUND PROG-YR equals CC. Otherwise assigned spaces.
CANCELED-IND	X(01)	119	0.

(7)   When either the FMS JO-NO or SB-JO-NO is related to a bulk JO-NO and a descendant commitment record exists, TRNS-CD 320 is generated to modify the commitment value related to the bulk JO-NO. The bulk decommitment process in System ID 1933 is performed the same way as it is performed in System IDs 1902, 1903, 1908, 1909, and 1923.

(a) Bulk decommitment will not be performed when the following conditions are true:

the JO-COMT-REF-NO does not exist.

the JO-COMT-REF-NO exists, but the related bulk commitment does not.

the JO-COMT-REF-NO and bulk commitment exist, but the COMT-CFI value equals zero.

(b) The COMT-CFI is never reduced to below zero. In some cases, the bulk commitment COMT-CFI value is not large enough for all the detail JO-NOs that are processed. When this occurs, TRNS-CD 320 is generated down to zero and the ACT-AMT will reflect the amount that was actually processed.

(c) System ID 1973 recognizes certain provisions on the decommitment processing by CMD-DSG. When CMD-DSG equals G, no decommitment processing will occur. When CMD-DSG equals H or L, decommitment processing is performed for all appropriations. When CMD-DSG does not equal G, H, or L, decommitment processing is performed for all appropriations except 0300, 0400, and 2040.

(d) Following are the TRANS-IMAGE and the system assigned values for the generated TRNS-CD 320:

ELEMENT	PIC	POSITION	VALUE ASSIGNED
CMD-DSG	X(01)	1	S2K.FUND RESR-CMD-DSG.
TRNS-CD	X(03)	2-4	320.
PROC-ACT-CD	X(01)	5	2.
INP-ACT-CD	X(06)	6-11	Normally assigned I00000. If the job order is frozen (JO-FRZ-CD equals two or three) the process will continue and move the JO-FRZ-CD to the last position of the INP-ACT-CD.
BLK-TKT-NO	X(07)	12-18	FMS8242.
BLK-TKT-DT	X(08)	19-26	System date (CCYYMMDD).
UPDT-CD	X(02)	27-28	CM.
JO-NO	X(06)	29-34	BULK-JO-NO for the FMS JO-NO and SB-JO-NO.
COMT-REF-NO	X(14)	35-48	Bulk COMT-REF-NO related to the bulk JO-NO.
DOCU-DT	X(08)	49-56	System date (CCYYMMDD).
COMT-ADJ-AMT	S9(10)V99	57-68	Computed amount.
JV-NO	X(06)	69-74	Spaces.
SUB-JO-NO	X(08)	75-82	Spaces.
COST-CEN-MGR	X(06)	83-88	Spaces.
FILLER	X(212)	89-300	Spaces.

f. Generated File ID Output. The transactions generated in this process are passed to various other output File IDs for further processing and will appear on various output reports.

(1) All generated TRNS-CDs 347, 320, and 610 are passed to the valid/invalid DTR transaction File ID and will appear on the DTR.

(2) All generated TRNS-CDs 347 are passed to the daily labor cost transfer transaction File ID for subsequent update to the SOMALBRD file and will appear on output reports produced by System ID 1911.

(3) All generated TRNS-CDs 610 are passed to the DELMARS transaction File ID for subsequent DELMARS reporting.

g. Reports. The process produces two output reports.

(1) Voucher for Transfer Between Appropriations and/or Funds, PCN B67AXXG324R. This process automatically produces an automated bill. This bill is for information purposes only and will provide the MGR-RESR-REF-NO, JO-NO, OBLG-REF-NO-SPIIN, EOR, and ACT-AMT. The hardcopy bill will contain only one bill number, that is, the bill number constructed and used on TRNS-CD 610. Also, it will only contain one bill to address of OMA001 and one bill from address of FMS001. These addresses must be updated by the user in the reimbursable address record of SOMATBLS and must be identified as OMA001 and FMS001 or this information will not appear on the hardcopy bill.

(2) Rejected Transaction Report, PCN B67AXXL054R. This report provides user personnel with labor error conditions encountered for each labor System ID process and the corrective action taken to continue processing. It indicates, by error code, labor records created and transactions modified, bypassed, and not processed. Page 1 of the report contains each error code with an explanation. This report is also produced by System IDs 1902, 1903, 1904, 1908, 1909, 1923, 1933, and 1955.

3.2.3.59 System ID 1974, Defense Civilian Pay System Interface. The DCPS interface process extracts data from the DCPS gross pay reconciliation (GPR) file that is transferred in to users from the *DCPS for one or more disbursing centers. For current pay period expenses, System ID 1974 builds File ID RAKHAAF01. A separate record is built for each SSAN. For prior pay period adjustments, System ID 1974 builds File ID RAKHBFF01. Both files are routed to the bi-weekly civilian labor process (System ID 1902) for further processing. A general description of the DCPS output file elements and a detailed description of the DCPS interface output File ID are included in this manual.

a. For processing to occur, a number of conditions must be met. The DCPS File ID must equal P3306, the DCPS pay period end date must match the SOMAUNIQ pay period end date (PAY-PRD-END-DT), the DCPS payroll office identification code and the accounting activity recipient must match a pay station and FSN combination in the DCPS interface record of the SOMATBLS. The DCPS payroll office identification code and the SOMATBLS pay station must equal 380100 (Denver DOD), 380200 (Charleston Army DOD), 380300 (Pensacola Army DOD), 380400 (Denver Army DOD), 380500 (Pensacola DOD), 380600 (Charleston DOD), 380700 (Charleston Shipyard DOD), 380800 (Omaha Army DOD), 380900 (Omaha DOD), 381000 (Overseas DOD), or 381100 (Overseas Army DOD).

b. The SOMATBLS DCPS-INTF-RECORD is used to determine which incoming files are valid for a specific SOMARDS region. The file identifies valid payroll stations and fiscal station combinations. It is the user's responsibility to establish the DCPS interface records in the SOMATBLS using TRNS-CD 822. If the DCPS interface will be run for any of these locations, the respective DCPS interface record must exist, otherwise no payroll data will be extracted. The DCPS-INTF-RECORD interface switch will be set to an N by the system upon initial input of a TRNS-CD 822. This switch is set by the system and not input on a TRNS-CD 822. Refer to ADSM 18-C99-JAQ-ZZZ-UM-02 for a description of TRNS-CD 822.

c. As header transactions are processed in System ID 1974 for a specific payroll location, the appropriate DCPS interface record switch is automatically set to R. If any of the DCPS interface record switches do not equal R after processing all DCPS payroll locations on hand, the process is aborted. All DCPS data must be available to SOMARDS or no processing will occur at all. During processing of System ID 1974, the switch is reset to a Y to be ready for the next pay period processing. In addition, each time System ID 1974 is run, the DCPS-INTF-RECORD of the SOMATBLS is updated with current information from the GPR file. These data include the pay period end date, the DSSN, the disbursing officer voucher (DOV) number, and the DOV date.

d. DCPS Reconciliation Report, PCN B67AXXM044R. The DCPS Gross Pay Reconciliation file contains header, accounting class, detail, and total records. For each accounting activity and payroll office indicator, the detail records are tallied and compared to the total record (the 8 record). If this tally does not equal the total record, the system will stop processing. When the process terminates, the system has determined that the user's file transfer for that particular pay period, accounting activity, and payroll office indicator did not capture all the data required for SOMARDS to complete the interface process. If the tally does equal the total record, then the process will provide the following information:

(1) The total hours paid and total earnings/employer contributions amount from the DCPS total record (the 8 Record).

*   (2) The prior pay period adjustments processed during this payroll cycle.

(3) The records not processed because the gross reconciliation code (GRC) was not recognized by SOMARDS. These records, if valid, must be manually processed.

*   (4) The difference between the DCPS total record and the above records is the current pay period amount that will be processed by SOMARDS in System ID 1902.

e. DCPS will provide SOMARDS the DOV number, the DOV date, and the DSSN for System ID 1902 accounting transactions. As previously stated, these data are also updated to the respective DCPS interface record.

f. All DCPS GRCs will be converted to SOMARDS type hour codes. The conversion of these codes is discussed in this manual. After the codes are converted, the records are sorted by pay period, SSAN, and type hour.

g. As the sorted employee records are processed, the SSAN in each record is compared to the SSANs in the other sorted records and to the SSANs in the employees' records established in the S2K.LBRM file.

(1) If a duplicate record is encountered, the process will combine the hours and dollars for these records and will update the S2K.LBRM file with only one combined record.

(2) When the SSAN in a sorted record matches an SSAN in the S2K.LBRM file, pertinent data (hourly rate, Medicare, and so forth) in the employee's record in the S2K.LBRM file is updated to reflect the current status of these items in DCPS. The updated data elements are saved for use in the accrual process.

h. Unmatched SSAN Not in Labor Database, PCN B67AXXF024R. When the sorted SSAN record does not exist in the S2K.LBRM file, the process automatically generates an employee record using the CMD-DSG default contained in the pay station/FSN of the DCPS interface record in the SOMATBLS. The generated record contains all required employee data including a TDA JO-NO and sub JO-NO (if applicable) and an assigned standard and leave JO-NO and sub JO-NO (if applicable) extracted from the labor default job order table. The default job order may be either the agency or organization default based on a locate of a COST-CEN-MGR in SOMATBLS using the input System ID's COST-CEN-MGR. A listing of employee records generated and added in the S2K.LBRM file is provided in this report. This report displays the pay period end date, the payroll office ID, the FSN, the created record image, and the COST-CEN-MGR extracted from the DCPS records.

i.. Unmatched SSAN Not in DCPS, PCN B67AXXF014R. When an SSAN exists in the S2K.LBRM file but not in the sorted records, the inactive employee's record is deleted from the S2K.LBRM file. However, when the payroll interface indicator related to the SSAN equals P (pre-DCPS) on the S2K.LBRM file, these records are not deleted. Instead, they are retained in the file and no further processing occurs. A listing of employee records deleted from the S2K.LBRM file is provided in this report. This report displays the pay period end date, the COST-CEN-MGR assigned in the S2K.LBRM, and an image of the record deleted from the S2K.LBRM file.

j. Assigned CCM Variance Report, PCN B67AXXF114R. The input cost center manager in each sorted record is compared to the COST-CEN-MGR in the employee's record in the S2K.LBRM file. When the cost center does not match the COST-CEN-MGR in the employee's record, a listing of the unmatched cost centers is provided in this report. The listing shows the pay period end date, the payroll office ID, the FSN, the COST-CEN-MGR assigned in the S2K.LBRM file, and the COST-CEN-MGR contained on the DCPS file. Page breaks will occur for each change in the first two positions of the COST-CEN-MGR assigned in the S2K.LBRM file.

k. The record formats below describe a complete set of records from a DCPS GPR file applicable to one payroll office (for example, Denver, Charleston, or Pensacola) and accounting recipient. These files must be transferred-in by the accounting recipient and made available to SOMARDS for processing. For data element definitions, refer to the DCPS Interface Specification, Document Number DCPS-IS-01.

(1) The following format refers to the Header Record, Record Type 1, of the DCPS file:

Record Data Element		Picture	Position
RECORD TYPE	(VALUE 1)	9	1
PAY PERIOD ENDING DATE		9(6)	2-7
FILE IDENTIFICATION		X(5)	8-12
PAYROLL OFFICE IDENTIFICATION CODE		X(6)	13-18
ACCOUNTING ACTIVITY RECIPIENT		X(6)	19-24
DATE PAID		9(6)	25-30
DISBURSING OFFICER VOUCHER NUMBER		X(8)	31-38
DISBURSING STATION SYMBOL NUMBER		X(6)	39-44
FILLER		X(116)	45-160

(2) The following format refers to the Accounting Record, Record Type 3, of the DCPS file:

Record Data Element		Record Picture	Position
RECORD TYPE	(VALUE 3)	9	1
ACCOUNTING ACTIVITY		X(6)	2-7
SOCIAL SECURITY NUMBER		X(9)	8-16
EMPLOYEE NAME		X(27)	17-43
ACCOUNTING RECORD EFFECTIVE DATE		9(6)	44-49
APPROPRIATION			
DEPARTMENT CODE		X(2)	50-51
TRANSFER DEPARTMENT		X(2)	52-53
FISCAL YEAR		X	54
BASIC SYMBOL		X(4)	55-58
LIMITATION/SUBHEAD		X(4)	59-62

Record Data Element		Record Picture	Position
FUND CODE		X(2)	63-64
BCN/ASN/OBAN		X(6)	65-70
PROGRAM YEAR		X	71
OPERATING AGENCY CODE		X(2)	72-73
MFP/BPAC/PROJECT CODE		X(6)	74-79
PROGRAM ELEMENT CODE		X(10)	80-89
RC/CC		X(6)	90-95
EMERGENCY SPECIAL PROJECT CODE		X(2)	96-97
EEIC SHRED		X(2)	98-99
ASSIGNED JON/CC/PC		X(18)	100-117
USER NAME		X(27)	118-144
USER EMPLOYING ACTIVITY		X(6)	145-150
ACCESS DATE	(YYYYMMDD)		
ACCESS CENTURY		X(2)	151-152
ACCESS DATE		X(6)	153-158
DATA LEVEL IDENTIFIER		X	159
ACTIVITY LEVEL	(VALUE A)		
ORGANIZATION LEVEL	(VALUE O)		
EMPLOYEE LEVEL	(VALUE E)		
PRE-CONVERSION	(VALUE P)		
FILLER		X	160

(3) The following format refers to the Detail Record, Record Type 4, of the DCPS file:

Data Element		Picture	Record Position
RECORD TYPE	(VALUE 4)	9	1
ACCOUNTING ACTIVITY		X(6)	2-7
EMPLOYING ACTIVITY		X(6)	8-13
AGENCY CODE		X(2)	14-15
MAJOR CLAIMANT/COMMAND CODE		X(2)	16-17
ORGANIZATION		X(7)	18-24
SOCIAL SECURITY NUMBER		X(9)	25-33
ACCOUNTING RECORD EFFECTIVE DATE		9(6)	34-39
PAY PERIOD ENDING DATE		9(6)	40-45
PAY SYSTEM CODE		X(2)	46-47
EMPLOYEE TYPE CODE		X	48
GRADED/UNGRADED INDICATOR		X	49
WORK SCHEDULE		X	50
TEMPORARY POSITION CODE		X	51
GEOGRAPHICAL LOCATION CODE		X(9)	52-60
STRAIGHT RATE		9(3)V99	61-65
GROSS RECONCILIATION CODE		X(2)	66-67
ENVIRONMENTAL OVERTIME/OTHER INDICATOR		X	68
JO-NO		X(30)	69-98
SIGN INDICATOR		X	99
HOURS EXTENDED		9(4)V99	100-105
SIGN INDICATOR		X	106

Data Element		Picture	Record Position
HOURS PAID		9(4)V99	107-112
SIGN INDICATOR		X	113
EXTENDED AMOUNT		9(6)V99	114-121
SIGN INDICATOR		X	122
EARNINGS/EMPLOYER CONTRIBUTIONS AMOUNT		9(6)V99	123-130
SIGN INDICATOR		X	131
DIFFERENCE HOURS		9(4)V99	132-137
SIGN INDICATOR		X	138
DIFFERENCE AMOUNT		9(6)V99	139-146
EARNINGS ADJUSTMENT INDICATOR		X(2)	147-148
CIVILIAN TYPE		X(3)	149-151
*SIGN INDICATOR		X	152
*VSI AGENCY CONTRIBUTION AMOUNT		9(6)V99	153-160

(4) The following format refers to the Total Record, Record Type 8, of the DCPS file:

Data Element		Picture	Record Position
RECORD TYPE	(VALUE 8)	9	1
SIGN INDICATOR		X	2
HOURS EXTENDED - TOTAL		9(10)V99	3-14
SIGN INDICATOR		X	15
HOURS PAID - TOTAL		9(10)V99	16-27
SIGN INDICATOR		X	28
EXTENDED AMOUNT - TOTAL		9(10)V99	29-40
SIGN INDICATOR		X	41
EARNINGS/EMPLOYER CONTRIBUTIONS AMOUNT - TOTAL		9(10)V99	42-53
SIGN INDICATOR		X	54
DIFFERENCE HOURS - TOTAL		9(10)V99	55-66
SIGN INDICATOR		X	67
DIFFERENCE AMOUNT - TOTAL		9(10)V99	68-79
RECORD COUNT - TOTAL		9(8)	80-87
FILLER		X(73)	88-160

l. The following information contains a general description of the DCPS output File ID (RAKHAAF01) elements including its position in the file and the element name:

Position	Element	Description
1	COMMAND DESIGNATOR	Identification of responsible command or activity.
2-10	SOCIAL SECURITY ACCOUNT NUMBER	The reference number for each individual used to identify the person to the social security system.
11-18	PAY PERIOD END DATE	A date a specific pay period ends for civilian payroll in CCYYMMDD format.

Position	Element	Description
19-26	CURRENT GROSS PAY	The result of multiplying regular hourly rate times base hours plus all additional specific allowances, premiums, differentials, awards, and overtime labor costs.
27-34	BASE PAY	Wages paid bi-weekly for regular tour of duty based on base hours times regular hourly rate.
35-40	REGULAR WORK HOURS	Hours worked during regular tour of duty (base hours less paid and non-paid leave hours).
41-46	ANNUAL LEAVE TAKEN HOURS	Annual leave hours taken during the pay period.
47-52	SICK LEAVE TAKEN HOURS	Sick leave hours taken during the pay period.
53-58	HOLIDAY LEAVE HOURS	Holiday leave hours taken during the pay period.
59-64	OTHER LEAVE HOURS	Number of other leave hours taken during the pay period.
65-70	COMPENSATORY HOURS TAKEN	Compensatory hours used in the pay period.
71-76	NON-PAID HOURS-KA	Non-paid hours of leave without pay (LWOP) during the pay period.
77-82	NON-PAID HOURS-KB	Non-paid hours of suspension during the pay period.
83-88	NON-PAID HOURS-KC	Non-paid hours AWOL during the pay period.
89-94	NON-PAID HOURS-KD	Non-paid hours of OWCP during the pay period.
95-100	NON-PAID HOURS-KE	Non-paid hours of furlough during the pay period.
101-106	NON-PAID HOURS-KF	Non-paid hours of non-duty within regular schedule during the pay period.
107-112	NON-PAID HOURS-KG	Non-paid hours of military furlough (call to active duty) during the pay period.
113-118	PREMIUM HOURS STANDBY	Tour of duty in excess of base hours.
119-126	PREMIUM PAY STANDBY	Wages paid for standby hours worked during the pay period.
127-132	AVAILABILITY PREMIUM HOURS	Additional hours received by law enforcement officers not classified as over-time. Qualified employees receive 20 hours for each pay period.
133-140	AVAILABILITY PREMIUM PAY	Additional compensation received by qualified law enforcement officers. Value determined using availability premium hours times availability premium pay rate.

Position	Element	Description
141-146	HOLIDAY HOURS WORKED	Hours worked on a legal holiday.
147-154	HOLIDAY PAY	Wages paid for work on a legal holiday.
155-160	OVERTIME HOURS	Hours worked outside normal tour of duty.
161-168	OVERTIME PAY	Wages paid for overtime hours.
169-174	MISCELLANEOUS HOURS	Hours worked in duties classified as miscellaneous (overtime for guards, federal labor standards act (FLSA) overtime for firefighters, and so forth).
175-182	MISCELLANEOUS PAY	Wages paid for miscellaneous hours worked.
183-188	NIGHT DIFFERENTIAL HOURS	Hours worked other than first shift (GS employees only).
189-196	NIGHT DIFFERENTIAL PAY	Premium paid for night differential worked (GS employees only).
197-202	SUNDAY PREMIUM HOURS	Hours worked on scheduled Sunday.
203-210	SUNDAY PREMIUM PAY	Premium paid for Sunday scheduled work.
211-216	HAZARDOUS DUTY HOURS	Hours worked on duties classified as hazardous.
217-224	HAZARDOUS DUTY PAY	Wages paid for hazardous duty worked.
225-230	LUMP SUM LEAVE HOURS	Separated employees unused annual leave hours.
231-238	LUMP SUM LEAVE PAY	Amount paid for lump sum leave hours, allowances, differentials, and final pay.
239-244	COMPENSATORY HOURS WORKED	Hours worked in excess of normal tour of duty not charged as overtime.
245-252	COMPENSATORY PAY WORKED	Value of compensatory time worked not charged as overtime.
253-258	AGED COMPENSATORY HOURS PAID	Hours of compensatory time converted and paid as overtime.
259-266	AGED COMPENSATORY OVERTIME PAY	Amount paid for unused compensatory time worked. Value determined using the hourly overtime rate.
267-274	OTHER PAY-CASH AWARD	Amount paid as cash award.
275-282	SEVERANCE PAY	Bi-weekly or one-time payment to severed employees.
283-290	REMOTE SITE PAY	Compensation paid to employees for the inconvenience or hardship of traveling to a remote work site.
291-298	PRODUCTIVITY AWARD	Awards paid to employees based on the employee's rating of record, including SES performance awards.

Position	Element	Description
299-306	SEPARATION INCENTIVE PAY AWARD	Awards paid to employees to encourage retirement/ resignation at bases that are closing or undergoing a major reduction.
307-314	RELOCATION BONUS	One-time compensation to employees who relocate to take hard-to-fill positions.
315-322	RECRUITMENT BONUS	One-time compensation to newly appointed employees recruited for hard-to-fill positions.
323-330	INTEREST ON BACK PAY OF AWARDS	The amount of interest on the back payment of an award.
331-338	DISBURSING OFFICE VOUCHER DATE	The disbursing date for the pay period being processed.
339-344	DISBURSING OFFICE VOUCHER NUMBER	The number assigned by the disbursing office that identifies the payment.
345-348	DISBURSING STATION SYMBOL NUMBER	A number used to identify a disbursing office.
349-356	FOREIGN DIFFERENTIAL PAY	Additional percentage of base pay for overseas assignment, distributed as fringe benefits cost in the labor process.
357-364	RETIREMENT EMPLOYER-CSRS	Government contribution toward employee retirement, CSRS, distributed as fringe benefits.
365-372	RETIREMENT EMPLOYER-FERS	Government contribution toward employee retirement, FERS, distributed as fringe benefits.
373-380	FICA EMPLOYER	Government payment to FICA, distributed as fringe benefits.
381-388	FEGLI EMPLOYER	Government portion of Federal employees' group life insurance (FEGLI) premium, distributed as fringe benefits.
389-396	FEHBI EMPLOYER	Government portion of Federal employees' health benefit insurance (FEHBI) premium, distributed as fringe benefits.
397-404	MEDICARE EMPLOYER	Government portion of Medicare payment, distributed as fringe benefits.

Position	Element	Description
405-412	THRIFT SAVINGS PLAN (TSP)	Government portion for employees retirement plan, distributed as fringe benefits.
413-420	PHYSICIAN ALLOWANCE	Bi-weekly amount paid to retain highly qualified doctors.
421-428	OVERSEAS ALLOWANCE	Bi-weekly amount paid for living quarters allowance, foreign post allowance, and separate maintenance allowance for overseas duty.
429-436	TROPICAL DIFFERENTIAL	Additional pay for US citizens recruited from the US for work in the Panama Canal zone.
437-444	DANGER PAY	Additional compensation granted to employees for service at designated danger pays posts.
445-452	STAFF DIFFERENTIAL	Compensation above the basic rate to retain selected grades and/or occupation groups.
453-460	SUPERVISORY DIFFERENTIAL	Compensation paid a GS supervisor who supervises employees in other pay plans who receive a higher rate of total pay than does the supervisor.
461-468	FOREIGN LANGUAGE CAPABILITY	Compensation paid to qualifying law enforcement officers who are proficient in, and use a foreign language(s) in the performance of duties.
469-476	COST OF LIVING ALLOWANCE	Allowance received based on living costs and conditions of the environment, for employees stationed outside the continental United States or in Alaska.
477-484	RETENTION ALLOWANCE	Allowance received by essential employees with high qualifications or special skills in those cases where the employee would be likely to leave if no allowance were made.
485-492	NON-APPROPRIATED FUND RETIREMENT PLAN/401K PLAN	Government contribution for certain employees to retain retirement and leave coverage from previous positions when they transfer between appropriated and non-appropriated fund positions.
493-500	SEGURO - HEALTH	Employer contribution to Panama social security health/maternity system.
501-508	SEGURO - SOCIAL	Employer contribution to Panama social security system.

    m.   SOMARDS extracts data from the GPR file to populate the DCPS interface output File ID (RAKHAAF01) in System ID 1974. Most payroll data fields are extracted based on the GRC. The record (rec) types and positions (pos) used are as follows:

Element	Position	Type Hour	Value
SOM-CMD-DSG	1		CMD-DSG from S2K.LBRM or SOMATBLS, DEFLT-CMD-DSG
SOM-SSAN rec 3, pos 8-16	2-10		number

SOM-PAY-PD-END-DT
  rec 1, pos 2-7
  (YYMMDD converted to CCYYMMDD)
	11-18		date

SOM-GROSS-PAY
  rec 4 pos 122-130 when
  GRC = CA, CN, CT, EA, EB, EC, ED, EE,
       EE, EF, EG, EH, EK, EL, EM, EN,
       EP, EQ, ER, ES, ET, EV, EW, FA, FB,
       FC, FD, FE, FF, FG, FH, FI, FK, FL,
       FM, FN, FP, FQ, FR, FS, FT, FU, FV, FW,
       FX, FY, FZ, LA, LB, LC, LD, LF, LG,
       LH, LI, LJ, LK, LL, LM, LN, LP, LQ,
       LR, LS, LT, LU, LV, LW, LX, LY,
       HC, HF, HG, HS, HT, ND, OA, OC, ON,
       OS, OU, OX, OZ, PA, PB, PC, PD, PE,
       PF, PG, PH, PI, PJ, PK, PL, PM, PN,
       PO, PP, PR, PS, PT, PU, PW, P1, P2,
       P3, RA, RB, RC, RF, RG, RN, RO, RP,
       RS, RT, RX, SF, SG, SO, SS, ST, UA,
 	
       YA, YB, YC, YD, YE, YF, YG, YH, YI, YJ,
       YK, YL, YM, YN, YO, YP,YR, YS, YT, YU,
       YV, YW, YX, YY, YZ, Y1, Y2, Y3, Y4, Y5,
       Y6, Y7, Y8, Y9, ZE, ZF, ZG, ZH, ZL, ZM,
       Z1, Z2 and Z3
	19-26		dollars

SOM-BASE-PAY
  rec 4, pos 122-130 when
  GRC = CA, CN, CT, LA, LB, LC, LD, LF, LG,
       LH, LI, LJ, LK, LL, LM, LN, LP, LQ,
       LR, LS, LT, LU, LV, LW, LX, LY,
       HC, HF, HG, HS, HT, PB, PF, PJ, RA, RB,
       RC, RF, RG, RN, RO, RP, RS, RT, RX, SF,
       SG, SO, SS, ST, UA, Y9, ZG, ZH and Zl
	27-34		dollars

Element	Position	Type Hour	Value
SOM-REG-WK-HRS rec 4, pos 106-112 when GRC = PB, PF, RA, RB, RC, RF, RG, RN, RO, RP, RS, RT, RX, SF, SG, SO, SS and ST	35-40	01	hours
SOM-ANL-LV-HRS rec 4, pos 106-112 when GRC = LA, LB, LD, LF, LP, LQ and LR	41-46	0A	hours
SOM-SICK-LV-HRS rec 4, pos 106-112 when GRC = LG and LS	47-52	0D	hours
SOM-HOL-LV-HRS rec 4, pos 106-116 when GRC = LH, HC, HF, HG, HS and HT	53-58	0H	hours
SOM-OTH-LV-HRS rec 4, pos 106-112 when GRC = LC, LI, LJ, LK, LL, LM, LN, LT, LU, LV, LW, LX and LY	59-64	0K	hours
SOM-COMPENSE-HRS-TAKE rec 4, pos 106-112 when GRC = CA, CN and CT	65-70	0T	hours
SOM-NONPD-HRS-KA rec 4, pos 99-105 when GRC = KA	71-76	KA	hours
SOM-NONPD-HRS-KB rec 4, pos 99-105 when GRC = KB	77-82	KB	hours
SOM-NONPD-HRS-KC rec 4, pos 99-105 when GRC = KC	83-88	KC	hours
SOM-NONPD-HRS-KD rec 4, pos 99-105 when GRC = KD	89-94	KD	hours
SOM-NONPD-HRS-KE rec 4, pos 99-105 when GRC = KE	95-100	KE	hours
SOM-NONPD-HRS-KF rec 4, pos 99-105 when GRC = KF	101-106	KF	hours

Element	Position	Type Hour	Value
SOM-NONPD-HRS-KG rec 4, pos 99-105 when GRC = KG	107-112	KG	hours
SOM-PREM-HRS-STBY rec 4, pos 106-112 when GRC = YT, YZ, Y1 and Y2 If rec 4, pos 48 = F or X, then 04 Otherwise, 0S	113-118	04/0S	hours
SOM-PREM-PAY-STDBY rec 4, pos 122-130 when GRC = PK, YT, YZ, Z1 and Z2	119-126	04 if firefighter (F or X) else type is 0S	dollars
SOM-AVAIL-PREM-HRS rec 4, pos 106-112 when GRC = ZM	127-132	1P	hours
SOM-AVAIL-PREM-PAY rec 4, pos 122-130 when GRC = PW and ZM	133-140	1P	dollars
SOM-HOL-HRS-WKD rec 4, pos 106-112 when GRC = ZF	141-146	05	hours
SOM-HOL-PAY rec 4, pos 122-130 when GRC = ZF	147-154	05	dollars
SOM-OT-HRS rec 4, pos 106-112 when GRC = OC, ON, OS, OU, OX, OZ, YU, and YY	155-160	02	hours
SOM-OT-PAY rec 4, pos 122-130 when GRC = OC, ON, OS, OU, OX, OZ, PL YU and YY	161-168	02	dollars
SOM-MISC-HRS rec 4, pos 106-112 when GRC = 0A	169-174	0R	hours
SOM-MISC-PAY rec 4, pos 122-130 when GRC = 0A	175-182	0R	dollars
SOM-NIGHT-DIFF-HRS rec 4, pos 106-112 when GRC = ND	183-188	03	hours

Element	Position	Type Hour	Value
SOM-NIGHT-DIFF-PAY rec 4, pos 122-130 when GRC = ND	189-196	03	dollars
SOM-SUN-PREM-HRS rec 4, pos 106-112 when GRC = ZE	197-202	06	hours
SOM-SUN-PREM-PAY rec 4, pos 122-130 when GRC = ZE	203-210	06	dollars

SOM-HAZ-DTY-HRS
rec 4, pos 106-112 when
GRC = EA, EB, EC, ED, EE, EF, EG, EH, EK,
    EL, EM, EN, EP, EQ, ER, ES, ET, EV, EW,
    FA, FB, FC, FD, FE, FF, FG, FH, FI,
    FK, FL, FM, FN, FP, FQ, FR, FS, FT, FU,
    FV, FW, FX, FY, FZ
	211-216	07	hours

SOM-HAZ-DTY-PAY
rec 4, pos 122-130 when
 	
GRC = EA, EB, EC, ED, EE, EF,
    EG, EH, EK, EL, EM, EN, EP, EQ, ER,
    ES, ET, EV, EW, FA, FB, FC, FD, FE,
    FF, FG, FH, FI, FK, FL, FM, FN, FP, FQ,
    FR, FS, FT, FU, FV, FW, FX, FY and FZ
	217-224	07	dollars

SOM-LUMP-SUM-LV-HRS
rec 4, pos 106-112 when
GRC = PA, PC, PD, PE, PG, PJ,
    PM, PN, PO, PR, PS, PT,
    PU, P1
	225-230	0W	hours

SOM-LUMP-SUM-LV-PAY
rec 4, pos 122-130 when
GRC = PA, PC, PD, PE, PG, PJ,
    PM, PN, PO, PR, PS, PT
    PU, P1
	231-238	0W	dollars

SOM-COMPENSE-HRS-WKD rec 4, pos 99-105 when GRC = CC, CE, CD, CR and EARNINGS ADJUSTMENT INDICATOR (EAI) = 14 (comp time earned not paid)	239-244	08	hours
SOM-COMPENSE-PAY-WKD rec 4, pos 113-121 when GRC = CC, CE, CD, CR and EA	245-252	08	dollars

Element	Position	Type Hour	Value

SOM-AGED-COMP-TIME-HRS-PD
  rec 4, pos 106-112 when
  GRC = P3
	253-258	09	hours

SOM-AGED-COMP-TIME-PD
  rec 4, pos 122-130 when
  GRC = P3
	259-266	09	dollars

SOM-OTH-PAY-CASH-AWD
  rec 4, pos 122-130 when
  GRC = YO, YV, and YW
	267-274	0C	dollars

SOM-SVRNC-PAY
  rec 4, pos 122-130 when
  GRC =YP
	275-282	0G	dollars

SOM-REMOTE-ALW
  rec 4, pos 122-130 when
  GRC = YN
	283-290	00	dollars

SOM-PRODUCTIVITY-AWD
  rec 4, pos 122-130 when
  GRC = YA, YX
	291-298	1J	dollars

SOM-INCENTIVE-PAY-AWD
  rec 4, pos 122-130 when
  GRC = YS
	299-306	0V	dollars

SOM-RELOCATION-BONUS
  rec 4, pos 122-130 when
  GRC = Y7
	307-314	1K	dollars

SOM-RECRUITMENT-BONUS
  rec 4, pos 122-130 when
  GRC = Y6
	315-322	1L	dollars

SOM-INT-BACK-PAY-AWD
  rec 4, pos 122-130 when
  GRC = YB
	323-330	0O	dollars

SOM-DOV-DT rec 1, pos 25-30	331-338		date
SOM-DOV-NO rec 1, pos 31-38	339-344		number
SOM - DSSN rec 1, pos 39-44	345-348		number

SOM-FGN-DIFF-PAY
  rec 4, pos 122-130 when
  GRC = PH, PI, YD and YG
	349-356	0E	dollars

Element	Position	Type Hour	Value
SOM-RTMT-CSRS rec 4, pos 122-130 when GRC = UB and UK	357-364	0J	dollars
SOM-RTMT-FERS rec 4, pos 122-130 when GRC = UC	365-372	0M	dollars
SOM-FICA-ER rec 4, pos 122-130 when GRC = UJ	373-380	0L	dollars
SOM-FEGLI-ER rec 4, pos 122-130 when GRC = UG	381-388	0N	dollars
SOM-FEHBI-ER rec 4, pos 122-130 when GRC = UH	389-396	0P	dollars
SOM-MDCR-ER rec 4, pos 122-130 when GRC = UF	397-404	0U	dollars
SOM-TSP-ER rec 4, pos 122-130 when GRC = UD and UI	405-412	0Y	dollars
SOM-PHYSICIAN-ALW rec 4, pos 122-130 when GRC = YM	413-420	0F	dollars
SOM-OVSEA-ALW rec 4, pos 122-130 when GRC = P2, YE, YF, YH, YI, YJ, YL, Y1 and Y2	421-428	0B	dollars
SOM-TROPICAL-DIFF rec 4, pos 122-130 when GRC = YK	429-436	0Q	dollars
SOM-DANGER-PAY rec 4, pos 122-130 when GRC = PP, YR, and Z3	437-444	1C	dollars
SOM-STAFF-DIFF rec 4, pos 122-130 when GRC = Y3	445-452	1D	dollars
SOM-SUPV-DIFF rec 4, pos 122-130 when GRC = Y5	453-460	1F	dollars

Element	Position	Type Hour	Value
SOM-FGN-LANG-CAPABILITY 　rec 4, pos 122-130 when 　　GRC = Y8	461-468	1G	dollars
SOM-COLA 　rec 4, pos 122-130 when 　　GRC = YC	469-476	1A	dollars
SOM-RETENTION-ALW 　rec 4, pos 122-130 when 　　GRC = Y4	477-484	1E	dollars
SOM-401K-NAF 　rec 4, pos 122-130 when 　　GRC = UM, UU	485-492	0I	dollars
SOM-SEGURO-HEALTH 　rec 4, pos 122-130 when 　　GRC = UP	493-500	1M	dollars
SOM-SEGURO-SOCIAL 　rec 4, pos 122-130 when 　　GRC = US	501-508	1N	dollars

　　n. During the processing of System ID 1974, the DCPS GRCs are converted to SOMARDS' Type hour codes and are identified to an SOMARDS' processing group. A conversion table by processing Group is provided at appendix D. A list of all labor type hours is provided at appendix E.

　　(1) Processing Group 1 contains Base hours. Base hours consist of the productive hours of 01 and the non-productive hours of 0A, 0D, 0H, 0K, and 0T. Productive exception hours are processed first with any remaining productive hours distributed to the STD-JO-NOs. For non-productive hours, exceptions are again processed first with any remaining hours distributed to the LV-JO-NOs.

　　(2) Processing Group 2. This group contains PREM-STBY-HRS (firefighters, EMPL-TY-CD F, X, or G only) PREM-STBY-HRS are distributed to productive and non-productive JO-NOs in the same way they were distributed in Processing Group 1.

　　(3) Processing Group 3 contains the fringe benefits. The fringe benefits are distributed to productive and non-productive JO-NOs in the same way they were distributed in Processing Group 1.

　　(4) Processing Group 4 contains all overtime hours and amounts. Exception hours are processed first with any remaining hours distributed to the STD-JO-NOs.

　　(5) Group 5 contains premium rates. Premium amounts are distributed to the productive JO-NOs that were charged by the type hours of 01. Records will contain zero hours.

　　(6) Processing Group 6 consists of awards and allowances. These amounts are distributed to the STD-JO-NOs. When the TY-HRS equal 0C and the S2K.LBRM CASH-AWD-JO-NO is filled, the amount will be distributed to that JO-NO.   If the TY-HRS equal 0C and the S2K.LBRM CASH-AWD-JO-NO is not filled, the STD-JO-NOs will be charged.

　　(7) Processing Group 7 contains severance pay. Severance pay is distributed to STD-JO-NOs.

(8) Processing Group 8 contains lump sum leave payments (base hours must be greater than 0). These payments are distributed to the LV-JO-NOs.

(9) Processing Group 9 contains compensatory leave earned. When no exceptions are entered, the STD-JO-NOs are debited and the LV-JO-NO(s) are credited. When exceptions are entered, the exception JO-NOs are debited and the LV-JO-NOs are credited.

(10) Processing Group 10 contains compensatory leave paid. If compensatory leave is not taken, it is converted to overtime and distributed to the LV-JO-NOs.

(11) Group 11 contains non-paid leave hours. Exceptions containing the type hours for non-paid leave are processed first. Any remaining hours are processed using the SOMAUNIQ CMD-NON-PD-LV-JO or TDA-JO-NO.

(12) Processing Group 12 consists of availability premium pay. Availability premium pay is distributed to any existing overtime exceptions first with the remainder distributed to productive TY-HRS exceptions (01, 04, 05, and 08). If no exceptions exist, availability premium pay is distributed to STD-JO-NOs.

(13) Processing Group 1B contains remote site allowances. When exceptions are entered, the exceptions are processed first with any remainder distributed to STD-JO-NOs.

o. The following computations are performed within System ID 1974 to determine the proper posting of amounts to the S2K.LBRM file and to the output File ID:

(1) The computation for ungraded second and third shift REG-HRLY-RAT and OT-HRLY-RAT is as follows:

(a) When an input record 4, GRC ZG exists, the REG-HRLY-RAT equals the straight rate times 1.075. The OT-HRLY-RAT equals the computed REG-HRLY-RAT times 1.5. The results are moved to the S2K.LBRM file.

(b) When an input record 4, GRC ZH exists, the REG-HRLY-RAT equals the straight rate times 1.1. The OT-HRLY-RAT equals the computed REG-HRLY-RAT times 1.5. The results are moved to the S2K.LBRM file.

(c) When an input record 4, GRC ZG or ZH does not exist, the process moves the straight rate from record 4, positions 61-65 to the REG-HRLY-RAT field in the S2K.LBRM file.

(2) The computation for the OT-HRLY-RAT is as follows.

(a) When the GRADE-IND equals G and the OT-HRS is less than or greater than zero, the OT-HRLY-RAT equals the OT-PAY divided by the OT-HRS. When the OT-HRS equals 0, the OT-HRLY-RAT equals the REG-HRLY-RAT times 1.5. The computed OT-HRLY-RAT is compared to the SOMAUNIQ GRADED-OT-RAT. If the GRADED-OT-RAT is greater than the OT-HRLY-RAT, the computed OT-HRLY-RAT is moved to the S2K.LBRM file. Otherwise, the GRADED-OT-RAT is moved to the OT-HRLY-RAT in the S2K.LBRM file.

(b) When the GRADE-IND equals U, the input GRCs ZG or ZH do not exist, and the OT-HRS is less than or greater than zero, the OT-HRLY-RAT equals the OT-PAY divided by the OT-HRS and the result is moved to the S2K.LBRM file. When the OT-HRS equals 0, the OT-HRLY-RAT equals the REG-HRLY-RAT times 1.5 and that value is moved to the S2K.LBRM file.

(3) The computation for PREM-STBY-RAT is as follows: if the PREM-STDBY-HRS are greater than zero and the BASE-HRS are greater than 80, the PREM-STDBY-RAT will equal the PREM-PAY-STDBY divided by the PREM-HRS-STDBY.

(4)   When the EMPLOY-TY-CD equals F, X, or G, the DCPS Output file ID output hours (regular work, paid and non-paid leave hours only) are derived by multiplying the input hours times the following:

(a)   When BASE-HRS equal 112, times 0.714286.

(b)   When BASE-HRS equal 120, times 0.666667.

(c)   When BASE-HRS equal 144, times 0.555556.

*   p. System ID 1974 employs a very simple default process for prior pay period adjustments contained in the DCPS input file.

(1)   With only one exception, all dollars in the input file are simply passed to the output file and charged to the S2K.LBRM STD-JO-NO-1. If the S2K.LBRM STD-JO-NO-1 is not available, then the dollars are charged to the SOMATBLS DEFLT-JO-NO. The only exception is for TY-HR 08 costs (compensatory leave earned). These costs are debited to the S2K.LBRM STD-JO-NO-1 and credited to the S2K.LBRM LV-JO-NO-1. If the S2K.LBRM JO-NO's are not available, then the costs are debited and credited to the SOMATBLS DEFLT-JO-NO. When the processing group normally involves hours in the output file, then the hours passed in the DCPS input file are passed to the output file.

(2)   Output file RAKHBFF01 is generated and routed to System ID 1902 for further processing. The file consists of header and related detail records for each SSAN processed. Following are the elements and the system assigned values for this file:

HEADER RECORD

ELEMENT	PIC	POS	VALUE ASSIGNED
COMMAND DESIGNATOR	X(01)	1	LBRM CMD-DSG/ SOMATBLS DEFLT-JO-CMD-DSG
SSAN	X(09)	2-10	DCPS Record Type 4 SOCIAL SECURITY NO
FILLER	X(03)	11-13	"000"
COMMAND DESIGNATOR	X(01)	14	LBRM CMD-DSG/ SOMATBLS DEFLT-JO-CMD-DSG
PAYROLL CONTROL NO	X(02)	15-16	DCPS Record Type 4 PAY SYSTEM CODE
NAME	X(27)	17-43	DCPS Record Type 3 EMPLOYEE NAME
RANK	X(02)	44-45	spaces
TOTAL RECORDS	S9(06)	46-51	"000000"
LEAVE ACCRUAL APPL	X(01)	52	LBRM LV-ACCR-APPL-CD
PAY PERIOD END DATE	X(08)	53-60	DCPS Record Type 4 PAY PERIOD END DATE
COMMAND DESIGNATOR	X(01)	1	LBRM CMD-DSG/ SOMATBLS DEFLT-JO-CMD-DSG
SSAN	X(09)	2-10	DCPS Record Type 4 SOCIAL SECURITY NO
SEQUENCE NO	9(03)	11-13	"999"
PAY PERIOD END DATE	X(08)	14-21	SYS-PAY-PD-END-DT
DOCUMENT DATE	X(08)	22-29	systems date
COST CENTER MANAGER	X(06)	30-35	LBRM ASSIGNED-CCM/ SOMATBLS DEFLT-JO-CCM
RECEIVING CCM	X(06)	36-41	LBRM CCM STD-JO-NO-1/ LV-JO-NO-1 (TY-HR 08)
JO-NO	X(06)	42-47	LBRM STD-JO-NO-2/LV-JO-NO-1 (TY-HR 08)
SUB-JO-NO	X(08)	48-55	LBRM STD-SUB-JO-NO-1/ LV-SUB-JO-NO-1 (TY-HR 08)
IFS DOCUMENT NO	X(18)	56-73	spaces/LBRM IFS-CASH-AWD-DOCU-NO (TY-HR 0C)
TYPE HOURS	X(02)	74-75	DCPS GRC converted to SOMARDS TY-HR (see Appendix D)

DETAIL RECORD

ELEMENT	PIC	POS	VALUE ASSIGNED
EOR	X(04)	76-79	assigned like System ID 1902 (refer to paragraph 3.2.3.6e)
HOURS	S9(06)V99	80-87	S2K.LBRM LV-ACCR-APPL-CD
AMOUNT	S9(11)V99	88-100	DCPS Record Type 4amount
UNITS	9(05)	101-105	"00000"
MRRN	X(15)	106-120	spaces
LABOR PROCESS CODE	X(01)	121	"Z"
LABOR TRNS-CD	X(03)	122-124	"624"
REPORT PROCESS CODE	X(01)	125	space
TASK CODE	X(05)	126-130	space
PRODUCTIVIY INDICATOR	X(01)	131	assigned based upon TY-HR
NONPAID LV INDICATOR	X(01)	132	assigned based upon TY-HR
BULK JO-NO	X(06)	133-138	spaces
COMT-REF-NO	X(14)	139-152	pos 139 "P"
			pos 140 see note below
			pos 141-146 JO-NO
			pos 147-148 pos 1-2 of CCM
			pos 149-152 spaces
OBLG-REF-NO	X(18)	153-170	"PPPAY" plus SOMAUNIQ CURR-FY-YR
PAY PERIOD NO	X(14)	171-184	"PAY" plus SOMAUNIQ SYS-PAY-PD-END-DT
LV ACCRUAL APPL CODE	X(01)	185	LBRM LV-ACCR-APPL-CD
BULK COMT-REF-NO	X(14)	186-199	spaces
DSSN	X(04)	200-203	DCPS Record Type 1 DSSN
DOV NO	X(06)	204-209	DCPS Record Type 1 DOV-NO
DOV DATE	X(08)	210-217	DCPS Record Type 1 DATE PAID

NOTE: The second position of the COMT-REF-NO is assigned based upon the value contained in the SOMAUNIQ SYS-PYRL-NO-RGSTR. The SOMAUNIQ value is converted as follows:

SOMAUNIQ SYS-PYRL-NO-RGSTR	POSITION 140 COMT-REF-NO	SOMAUNIQ SYS-PYRL-NO-RGSTR	POSITION 140 COMT-REF-NO
01	1	14	D
02	2	15	E
03	3	16	F
04	4	17	G
05	5	18	H
06	6	19	J
07	7	20	K
08	8	21	L
09	9	22	M
10	0	23	N
11	A	24	P
12	B	25	Q
13	C	26	R
		27	S

3.2.3.60 System ID 1975, Defense Civilian Pay System Accounting Class. The DCPS accounting classification change interface uses data stored in the S2K.LBRM and SOMAACCL files to determine whether an accounting classification change must be passed to the DCPS. A detailed description of the header, accounting classification, and total records created for the DCPS, and the data included in the records are shown below. This as required System ID should be scheduled and run once for each pay period that a change occurs to the TDA-JO-NO of one or more DCPS employee master header records on the S2K.LBRM file.

a. Each DCPS employee master header record (PAYROLL-INTF-IND equals D) on the S2K.LBRM file will be compared with the accounting class records in the SOMAACCL file by using the SSAN of the record. If an SSAN exists on the SOMAACCL file but not on the S2K.LBRM file, the record will be removed from the SOMAACCL file. If the SSAN exists on both files or if the SSAN exists on the S2K.LBRM but not on the SOMAACCL, the TDA-JO-NO of the DCPS employee master header record (S2K.LBRM) will be used to obtain the elements of the accounting class from the S2K.FUND file resource record.

b. When the S2K.FUND file accounting class elements do not match the elements in the SOMAACCL file or a record for the employee does not exist on the SOMAACCL file, an accounting classification change record will be created for the DCPS. The SOMAACCL file will be updated with the values obtained from the S2K.FUND file. The effective date used for the accounting classification change record will be the first day of the current pay period or the first day of the current fiscal year. In order for a record to update the SOMAACCL file and to create a type 2 detail record, the PAYRL-INFACE-IND must contain a D and both the PAYRL-OFC-ID and the FSN (FISC-STA-NO) must contain a value.

c. After the compare of all DCPS employee master header records in the S2K.LBRM has been completed, the accounting classification change records are sorted, grouped, and header and total records are created for the DCPS. Header and total records are created for each group of accounting classification change records. Each time there is a variance in the combination of the payroll office indicator (PAYRL-OFC-IND), for example, 380200 - Charleston Army, 380300 - Pensacola Army, and FISC-STA-NO of the accounting classification change record, a new group must be created. These group assignments are used to create the File IDs to be passed to the DCPS. The File IDs are assigned based on the PAYRL-OFC-IND only. Groups containing the same PAYRL-OFC-IND are sorted and assigned to a File ID in ascending order. Up to 11 File IDs are available in System ID 1975. If a command uses less than 11 PAYRL-OFC-INDs, the lowest numeric PAYRL-OFC-IND used will be assigned to the first File ID, that is, AK.AKPAGF01, and subsequent PAYRL-OFC-INDs will be assigned to the other File IDs in ascending order. For example, if a command has data under PAYRL-OFC-INDs 380400, 380800, and 381100, they will be assigned to File IDs AK.AKPAGF01, AK.AKPAGF02, and AK.AKPAGF03 respectively.

d. A description of the header record of the System ID 1975 output file is provided below.

Position	Picture	Element	Description
1	X(01)	RECORD TYPE	Assigned 1 for header records.
2-7	YYMMDD	DATE OF REPORT	The systems date when System ID 1975 is run.
8-12	X(05)	FILE IDENTIFICATION	Assigned P6697 for header records.
13-18	X(06)	PAYROLL OFFICE IDENTIFICATION CODE	The PAYROLL OFFICE IDENTIFICATION CODE for a related group of records as: 380100 – Denver DOD 380200 – Charleston Army DOD 380300 – Pensacola Army DOD 380400 – Denver Army DOD 380500 – Pensacola DOD 380600 – Charleston DOD 380700 – Charleston Shipyard DOD 380800 – Omaha Army DOD 380900 – Omaha DOD 381000 – Overseas DOD 381100 – Overseas Army DOD

Position	Picture	Element	Description
19-24	X(06)	ACCOUNTING ACTIVITY	The command FSN from the S2K.LBRM for the SSANs included in the group of records related to this header.
25-160	X(136)	FILLER	

e. A description of the detail accounting classification record of the System ID 1975 output file is provided below.

Position	Picture	Element	Description
1	X(01)	RECORD TYPE	Assigned 2 for accounting classification records.
2-10	X(09)	SOCIAL SECURITY NUMBER	The SSAN from the S2K.LBRM where the TDA-JO-NO or additional accounting class elements of the S2K.FUND file do not match the TDA-JO-NO or accounting class elements of the SOMAACCL file.
11-16	YYMMDD	EFFECTIVE DATE	The first day of the current pay period. Based on the SOMAUNIQ file at the time System ID 1975 is run. At the fiscal year change the first day of the fiscal year is used.
17-22	YYMMDD	DATE END	The last day of the current fiscal year. The YY is the CURR-FY of the SOMAUNIQ file. In September, when the first position of the TDA-JO-NO is greater than position 2 of the CURR-FY, one is added to the CURR-FY. The value '0930' is assigned to the MMDD.

DCPS VALIDATION DATA (pos 23 – 55)

Position	Picture	Element	Description
23-28	X(06)	DEPARTMENT REPORTER	Assigned DFASIN.
29-34	X(06)	ACCOUNTING ACTIVITY	The FSN from the S2K.LBRM for the SSAN.

DCPS APPROPRIATION DEFINITION (pos 35 – 47)

Position	Picture	Element	Description
35-36	X(02)	DEPARTMENT CODE	The RESR-DEPT-CD from the S2K.FUND file of the TDA-JO-NO in the S2K.LBRM file.
37-38	x(02)	TRANSFER DEPARTMENT	Blank.
39	X(01)	FISCAL YEAR	Position 4 of the PROG-YR from the S2K.FUND file of the TDA-JO-NO in the S2K.LBRM file.

Position	Picture	Element	Description
40-43	X(04)	BASIC SYMBOL	APPROP-SYM from the S2K.FUND file of the TDA-JO-NO in the S2K.LBRM file.
44-47	X(04)	LIMITATION/SUBHEAD	LIMIT from the S2K.FUND file of the TDA-JO-NO in the S2K.LBRM file.
48-49	x(02)	FUND CODE	Blank.
50-55	X(06)	ALLOTMENT SERIAL NUMBER	ALOT from the S2K.FUND file of the TDA-JO-NO in the S2K.LBRM file.
56	X(01)	PROGRAM YEAR	Position 4 of the CURR-FY field from the SOMAUNIQ file. In September, when the first position of the TDA-JO-NO is greater than position 4 of the CURR-FY, 1 is added to position 4 of the CURR-FY.
57-58	X(02)	OPERATING AGENCY CODE	OP-AGCY from the S2K.FUND file of the TDA-JO-NO in the S2K.LBRM file.
59-64	X(06)	BUDGET PROGRAM ACTIVITY CODE	Assigned zeros.
65-74	X(10)	PROGRAM ELEMENT CODE	Assigned zeros.
75-80	X(06)	COST CENTER	EMP-COST-CEN-MGR from the S2K.LBRM file for SSAN.
81-82	X(02)	EMERGENCY SPECIAL PROJECT CODE	Blank.
83-84	X(02)	ELEMENT OF EXPENSE	Blank.
85-102	X(18)	ASSIGNED JOB ORDER/ ASSIGNED COST CENTER / ASSIGNED PERFORMANCE CODE	The TDA-JO-NO from the S2K.LBRM file for the SSAN.
103-160	X(58)	FILLER	Blank.

f. A description of the total record of the System ID 1975 output file is provided below.

Position	Picture	Element	Description
1	X(01)	RECORD TYPE	Assigned 9 for total records.
2-8	9(07)	RECORD COUNT - TOTAL	Count of all records for the group, including the header and total records.
9-160	X(152)	FILLER	Blank.

3.2.3.61 System ID 1976, SOMABILC Update Process. System ID 1976 processes the records in the SOMABILC file generated/updated by System ID 1934, generates disbursement and collection type transactions for SOMARDS and disbursement type transactions for CAWCF, and generates File ID for subsequent processing and generation of disbursement type transactions at other SOMARDS sites. For SOMARDS, the transactions are routed to System ID 1916 and are automatically updated to the file. For CAWCF, the disbursement transactions are formatted into their transaction images and routed to System ID 406.

    a. Processing Logic. The process reads each SOMABILC header record to determine if any record is marked for processing (BILL-ACT-CD equals R) or deletion (BILL-ACT-CD equals D). Also, it determines the transaction type and to which System ID the transactions should be routed.

    (1) When the SYSTEM field of the SOMABILC file header record equals SOMARDS and the BILL-ACT-CD equals R, the process generates either disbursements by us (TRNS-CD 610) (when SOMAUNIQ CMD-EXP-DISB-SWTCH equals N) or expense and disburse by us (TRNS-CD 653) (when SOMAUNIQ CMD-EXP-DISB-SWTCH equals Y), and reimbursable collections by us (TRNS-CD 750). In the SOMABILC file detail record, when the BILC-BILL-TO-CMD-DSG is filled but does not equal the BILC-DTL-CMD-DSG, the process uses the BILC-BILL-TO-CMD-DSG to determine the value of the SOMAUNIQ CMD-EXP-DISB-SWTCH and to update the CMD-DSG field in the generated disbursement transaction (TRNS-CD 610/653). Transactions are generated for each SOMABILC detail record and are routed to System ID 1916 for update to the S2K.FUND file.

    (2) When the SYSTEM field of the SOMABILC file header record equals EXTRNL and the BILL-ACT-CD equals R, the process generates reimbursable collections by us (TRNS-CD 750). Transactions are generated for each SOMABILC detail record and are routed to System ID 1916 for update to the S2K.FUND file.

    (3) When the SYSTEM field of the SOMABILC file header record equals CCSS and the BILL-ACT-CD equals R, the process generates DIC YLB disbursements and reimbursable collections by us (TRNS-CD 750). The transactions are generated for each SOMABILC detail record. The disbursement transactions are routed to System ID 406, and the reimbursable collection transactions are routed to System ID 1916 for update to the S2K.FUND file.

    (4) When the SYSTEM field of the SOMABILC file header record equals REMOTE and the BILL-ACT-CD equals R, the process generates reimbursable collections by us (TRNS-CD 750) and builds File IDs for each BILC-BILL-TO-SITE-CD. If the BILC-BILL-TO-SITE-CD is not valid (does not equal AX, A3, C4, D2, EH, EK, I7, K1, L4, M1, M2, S6, or XR), the detail record is not processed, and both the unprocessed detail record(s) and the related header record will remain in the file. The transactions and File IDs are generated for each valid SOMABILC detail record. The reimbursable collection transactions are routed to System ID 1916 for update to the S2K.FUND file. When the process builds the File IDs for remote site processing the following will occur:

    (a) The SYSTEM field of the SOMABILC file header record is changed from REMOTE to COMPLET.

    (b) The BILC-BILL-ACT-CD of the SOMABILC file header record is changed from R to a space. On-line TRNS-CD 861 must be used at the remote site to release these records (assign BILL-ACT-CD equals R) for subsequent processing by System ID 1976 at that site.

    (c) The BILC-HDR-BILL-NO of the SOMABILC file header record and the BILC-DTL-BILL-NO of the SOMABILC file detail record are reassigned as follows:

POSITION VALUE ASSIGNED

POSITION	VALUE ASSIGNED
1-2	SOMAUNIQ SYS-SITE-CD
3	MONTH (POS 2-3 OF BILL-NO GENERATED BY SYSTEM ID 1934) CONVERTED TO ALPHA

FROM	TO
10	A
11	B
12	C
01	D
02	E
03	F
04	G
05	H
06	J
07	K
08	L
09	M

POSITION	VALUE ASSIGNED
4-6	POS 4-6 OF BILL-NO GENERATED BY SYSTEM ID 1934

(d) The BILC-BILL-TO-CMD-DSG of the SOMABILC file detail record is moved to the BILC-HDR-CMD-DSG of the SOMABILC file header record and the BILC-DTL-CMD-DSG of the related SOMABILC file detail records.

(5) When the SYSTEM field of the SOMABILC file header record equals COMPLET and the BILL-ACT-CD equals R, the process generates either disbursements by us (TRNS-CD 610) (when SOMAUNIQ CMD-EXP-DISB-SWTCH equals N) or expense and disburse by us (TRNS-CD 653) (when SOMAUNIQ CMD-EXP-DISB-SWTCH equals Y). Transactions are generated for each SOMABILC detail record and are routed to System ID 1916 for update to the S2K.FUND file.

(6) After all header records for BILL-ACT-CD equals R are processed, the header and related detail records are removed from the SOMABILC file.

(7) When the BILL-ACT-CD equals D, the header and related detail records are removed from the file, and no disbursement or collection transactions are generated.

b. Generated Transactions.

(1) Following are the TRANS-IMAGE and the system assigned values for the generated TRNS-CD 610:

ELEMENT	PIC	POSITION	VALUE ASSIGNED
CMD-DSG	X(01)	1	BILC-CMD-DSG.
TRNS-CD	X(03)	2-4	610.
PROC-ACT-CD	X(01)	5	2.
INP-ACT-CD	X(06)	6-11	I00000.
BLK-TKT-NO	X(07)	12-18	BILC-BLK-TKT-NO.
BLK-TKT-DT	X(08)	19-26	BILC-BLK-TKT-DT (CCYYMMDD).
UPDT-CD	X(02)	27-28	CM.

ELEMENT	PIC	POSITION	VALUE ASSIGNED
JO-NO	X(06)	29-34	BILC-JO-NO.
EOR	X(04)	35-38	BILC-EOR.
COMT-REF-NO	X(14)	39-52	BILC-COMT-REF-NO.
OBLG-REF-NO-SPIIN	X(18)	53-70	BILC-OBLG-REF-NO-SPIIN.
COST-CEN-MGR	X(06)	71-76	BILC-COST-CEN-MGR.
DOCU-DT	X(08)	77-84	BILC-BLK-TKT-DT (CCYYMMDD).
ACT-AMT	S9(10)V99	85-96	BILC-ACT-AMT.
DOV-NO	X(06)	97-102	BILC-DOV-NO.
BILL-NO	X(06)	103-108	Spaces.
BILLED-DODAAC	X(06)	109-114	Spaces.
BILLING-DODAAC	X(06)	115-120	Spaces.
DSSN	X(04)	121-124	SOMAUNIQ file CMD-DSSN.
DELMARS-XMIT-NO	X(02)	125-126	Spaces.
FIN-PRT-CD	X(01)	127	P.
COUNTRY-CD	X(02)	128-129	Spaces.
JV-NO	X(06)	130-135	Spaces.
QTY	S9(09)	136-144	000000000.
DISCOUNT-AMT	S9(10)V99	145-156	000000000000.
CLIN	X(06)	157-162	Spaces.
OBLG-TY-CD	X(01)	163	M.
ACRN	X(02)	164-165	Spaces.
SUB-JO-NO	X(08)	166-173	BILC-SUB-JO-NO.
PROD-IND	X(01)	174	N.
IFS-DOCU-NO	X(18)	175-192	BILC-IFS-DOCU-NO.
LBR-PAY-PD-NO	X(14)	193-206	Spaces.
FILLER	X(94)	207-300	Spaces.

(2) Following are the TRANS-IMAGE and the system assigned values for the generated TRNS-CD 653:

ELEMENT	PIC	POSITION	VALUE ASSIGNED
CMD-DSG	X(01)	1	BILC-CMD-DSG.
TRNS-CD	X(03)	2-4	653.
PROC-ACT-CD	X(01)	5	2.
INP-ACT-CD	X(06)	6-11	I00000.
BLK-TKT-NO	X(07)	12-18	BILC-BLK-TKT-NO.
BLK-TKT-DT	X(08)	19-26	BILC-BLK-TKT-DT (CCYYMMDD).
UPDT-CD	X(02)	27-28	CM.
JO-NO	X(06)	29-34	BILC-JO-NO.
EOR	X(04)	35-38	BILC-EOR.
COMT-REF-NO	X(14)	39-52	BILC-COMT-REF-NO.
OBLG-REF-NO-SPIIN	X(18)	53-70	BILC-OBLG-REF-NO-SPIIN.
COST-CEN-MGR	X(06)	71-76	BILC-COST-CEN-MGR.
DOCU-DT	X(08)	77-84	BILC-BLK-TKT-DT (CCYYMMDD).
ACT-AMT	S9(10)V99	85-96	BILC-ACT-AMT.
DOV-NO	X(06)	97-102	BILC-DOV-NO.
BILL-NO	X(06)	103-108	Spaces.
BILLED-DODAAC	X(06)	109-114	Spaces.
BILLING-DODAAC	X(06)	115-120	Spaces.
DSSN	X(04)	121-124	SOMAUNIQ file CMD-DSSN.
DELMARS-XMIT-NO	X(02)	125-126	Spaces.
FIN-PRT-CD	X(01)	127	P.
COUNTRY-CD	X(02)	128-129	Spaces.
JV-NO	X(06)	130-135	Spaces.
OBLG-TY-CD	X(01)	136	M.
QTY	S9(09)	137-145	000000000.
CLIN	X(06)	146-151	Spaces.

ELEMENT	PIC	POSITION	VALUE ASSIGNED
ACRN	X(02)	152-153	Spaces.
SUB-JO-NO	X(08)	154-161	BILC-SUB-JO-NO.
IFS-DOCU-NO	X(18)	162-179	BILC-IFS-DOCU-NO.
PROD-IND	X(01)	180	N.
FILLER	X(120)	181-300	Spaces.

*

(3) Following are the TRANS-IMAGE and the system assigned values for the generated TRNS-CD 750:

ELEMENT	PIC	POSITION	VALUE ASSIGNED
CMD-DSG	X(01)	1	BILC-CMD-DSG.
TRNS-CD	X(03)	2-4	750.
PROC-ACT-CD	X(01)	5	2.
INP-ACT-CD	X(06)	6-11	I00000.
BLK-TKT-NO	X(07)	12-18	BILC-BLK-TKT-NO.
BLK-TKT-DT	X(08)	19-26	BILC-BLK-TKT-DT (CCYYMMDD).
UPDT-CD	X(02)	27-28	CM.
MGR-RESR-REF-NO	X(15)	29-43	BILC-MGR-RESR-REF-NO.
COMPLETION-CD	X(01)	44	Space.
DOCU-DT	X(08)	45-52	BILC-BLK-TKT-DT (CCYYMMDD).
COLL-VOU-NO	X(06)	53-58	BILC-DOV-NO.
BILL-NO	X(06)	59-64	BILC-HDR-BILL-NO.
ACT-AMT	S9(10)V99	65-76	BILC-ACT-AMT.
JV-NO	X(06)	77-82	Spaces.
DSSN	X(04)	83-86	SOMAUNIQ file CMD-DSSN.
DELMARS-XMIT-NO	X(02)	87-88	Spaces.
CUST-ORD-NO	X(15)	89-103	Spaces.
QTY	S9(09)	104-112	000000000.
FILLER	X(188)	113-300	Spaces.

(4) Following are the TRANS-IMAGE and the system assigned values for the generated DIC YLB transactions:

ELEMENT	PIC	POSITION	VALUE ASSIGNED
CMD-DSG	X(01)	1	BILC-CMD-DSG.
LRIC	X(03)	2-4	KDT.
DIC	X(03)	5-7	YLB.
FAD KEY	X(17)	8-24	Positions 1 through 10 of BILC-ENTRY-DATA.
VOUCHER NO	X(06)	25-30	BILC-DOV-NO.
VOUCHER DATE	9(05)	31-35	BLK-TKT-DT (Julian date) (YYDDD).
DISB OFFICE	X(04)	36-39	SOMAUNIQ file CMD-DSSN.
EXPENSE CODE	X(01)	40	F if position 4 of FAD KEY equals X. G if position 4 of FAD KEY equals Y. E if position 4 of FAD KEY does not equal X or Y.
CLIN	X(09)	41-49	Spaces.
CONTRACT PAYMENT	X(01)	50	C.
TYPE COLLECTION	X(01)	51	Space.
GROSS AMOUNT	S9(07)V99	52-60	BILC-ACT-AMT.
CONTRACT OBLIGATION	X(01)	61	Space.
CONTRACT PAYMENT DEDUCTION	X(01)	62	Space.
NET VARIANCE	S9(06)V99	63-70	00000000.
QUANTITY	S9(09)	71-79	000000000.
SPECIAL INTEREST	X(01)	80	Space.
BLK-TKT-NO	X(04)	81-84	Positions 1-4 of BILC-BLK-TKT-NO.
BUDGET ACT CD	X(01)	85	8.
CON/REP CD	X(01)	86	Space.
ACCT-CL-REF	X(02)	87-88	Spaces.

3.2.3.62 System ID 1977, SOMABILC Merge Process. System ID 1977 merges SOMABILC header and detail records sent from other SOMARDS sites into the local SOMABILC file generated by System ID 1934. When necessary, certain fields (BILC-BILL-AMT, BILC-DISB-AMT, BILC-TOT-DTL-RECS, and BILC-DTL-SEQ-NO) are recomputed and updated for the merged records. After these merged records have been marked for release (using on-line TRNS-CD 861), System ID 1976 will process these records, generating the appropriate disbursement or expense/disbursement transactions.

3.2.3.63 System ID 1978, Interfund Disbursement Process. The description of this System ID is not available at this time.

3.2.3.64 System ID 1979, Financial Logistics Interface. System ID 1979 receives input DAAS input (File ID AK.DAAS.INPUT) and CCSS interface transactions (File ID DAK1ABF02) from System ID 406. System ID 1979 is a daily process.

a. All records in the DAAS input file are passed to the Interfund Disbursement Transactions (File ID DAKUAJF01) for batch processing in System ID 1978. After System ID 1979 is complete all records are deleted from the interfund disbursement transactions File ID and replaced by a record with the value ###.

b. All records in the CCSS interface transactions File ID are validated against the SOMAUNIQ file. Records with a CMD-DSG that do not match UNIQ-CMD-DSG are bypassed.

(1) A reply to customer request for materiel billing records adjustment/allowance (DIC FAR), response to follow-up on customer request for materiel billing adjustment/allowance (DIC FAS), or interfund disbursement (DIC F_1 F_2 details) record in the CCSS interface transactions File ID is also passed to the interfund disbursement transactions File ID for batch processing in System ID 1978 if the CMD-INTFUND-DISB-SW equals Y. A record with these DICs are bypassed when the CMD-INTFUND-DISB-SW equals N.

(2) An automated requisition status (DIC AE_) record is bypassed if the CMD-AE-TRAN-UPDT-SW does not equal Y. A DIC AE_ record is also bypassed when the STAT-CD is not one of the following values: CB, CD, CG, CH, CJ, CK, CL, CM, CN, CP, CQ, CR, CS, CT, CU, CV, CW, CX, CY, CZ, C1, C2, C3, C4, C5, C6, C7, C8, C9, DA, DB, DJ, DK, DL, DM, DN, DQ, DR, D2, D3, D4. A Military Standard Requisitioning and Issue Procedure (MILSTRIP) commit obligate (TRNS-CD 342) is built by the system from the DIC AE_ record. The RQN-NO is validated by finding a matching RQN-NO in the S2K.FUND file. If the RQN-NO is not found in the S2K.FUND file the TRNS-CD 342 record is not valid and the REJ-CD is EDT. If the STAT-CD is B7, BG, BH, or BJ, the RQN-EXP-CFI and RQN-DISB-CFI must equal zero or the TRNS-CD 342 record is not valid and the REJ-CD is UE4.

(a) If the TRNS-CD 342 record is valid, it is passed to the Daily Update Transactions (File ID DAKHAKF06) for batch processing in System ID 1916 after the QTY and ACT-AMT are calculated by STAT-CD as follows:

STAT-CD	FIELD	CALCULATION
All	ULO-QTY	RQN-OBLG-QTY-CFI - RQN-DISB-QTY-CFI
	ULO-AMT	RQN-OBLG-CFI - RQN-DISB-CFI
	ULO-UPRICE	ULO-AMT / ULO-QTY
B7	QTY	zero
	ACT-AMT	(DIC AE_ unit price * ULO-QTY) - ULO-AMT
BG, BH, OR BJ	QTY	DIC AE_ quantity - ULO-QTY
	ACT-AMT	(DIC AE_ unit price * DIC AE_ quantity) - ULO-AMT

All other valid STAT-CDs

	FIELD	CALCULATION
When DIC AE_ quantity = zero	QTY	zero
	ACT-AMT	zero
When DIC AE_ quantity < ULO-QTY	QTY	DIC AE_ quantity * -1
	ACT-AMT	ULO-UPRICE * DIC AE_ quantity * -1
Otherwise	QTY	ULO-QTY * -1
	ACT-AMT	ULO-AMT * -1

(b) If TRNS-CD 342 record is not valid, it is passed to the Valid/Invalid DTR Transactions (File ID DAKHALB01) for batch processing in System ID 1918.

(3) An automated materiel receipt (DIC D4_ D6_) record is bypassed if the CMD-ACPT-REC-SW does not equal Y. A Receipt (TRNS-CD 536) is built by the system from the DIC D4_ D6_ record.

(a) For a TRNS-CD 536 built from a DIC D4S the CONTR-NO and CONTR-CLIN are validated by finding a matching CONTR-NO and CONTR-CLIN in the S2K.FUND file. If the TRNS-CD 536 record is valid, it is passed to the daily update transactions File ID for batch processing in System ID 1916. If TRNS-CD 536 record is not valid, it is passed to the valid/invalid DTR transactions File ID for batch processing in System ID 1918 with REJ-CD value EDT.

(b) For a TRNS-CD 536 built from any other DIC D4_ D6_ the RQN-NO is validated by finding a matching RQN-NO in the S2K.FUND file. If the TRNS-CD 536 record is valid, it is passed to the daily update transactions File ID for batch processing in System ID 1916. If TRNS-CD 536 record is not valid, it is passed to the valid/invalid DTR transactions File ID for batch processing in System ID 1918 with REJ-CD value EDT.

(4) A receipt acceptance (DIC PJJ) record is bypassed if the CMD-ACPT-REC-SW does not equal Y. An Acceptance (TRNS-CD 535) is built by the system from the DIC PJJ record. The TRNS-CD 535 is passed to the valid/invalid DTR transactions File ID for batch processing in System ID 1918 with REJ-CD value EDT.

(5) Any other DIC in the CCSS interface transactions File ID is bypassed.

(6) All created transactions have a BLK-TKT-NO of 9991979.

3.2.3.65 System ID 1987, SOMAULOM Extract. System ID 1987 extracts selected fields from each detail record in the SOMAULOM file and writes the extracted record to the SOMA payment accounting reconciliation subsystem (SOMAPARS) file. The SOMAULOM file is used by System IDs 1981, 1982, and 1983. They are part of the accounting pre-validation module (APVM) developed by DFAS, Financial Systems Activity - Indianapolis. Refer to appendix B for a description of the SOMAULOM file. A description of the SOMAPARS file follows:

SOMAPARS FILE

POSITION	DATA ELEMENT	PICTURE
1- 18	PARS-OBLG-REF-NO-SPIIN	X(018).
19- 20	PARS-ACRN	X(002).
21- 26	PARS-CLIN-SLIN	X(006).
27- 32	PARS-FISC-STA-NO	X(006).
33- 33	PARS-FY	X(001).
34- 37	PARS-BASIC-SYMBOL	X(004).
38- 39	PARS-OP-AGCY	X(002).
40- 51	PARS-PRON	X(012).
52- 66	PARS-OBLG	S9(13)V99.
67- 81	PARS-DISB	S9(13)V99.
82- 96	PARS-EAR-MARK	S9(13)V99.
97-102	PARS-LST-A-MOD	X(006).
103-108	PARS-LST-P-MOD	X(006).
109-115	PARS-SYS-NAME	X(007).
116-198	PARS-ACCTNG-SYS-KEY	X(083).

Note. If the value of PARS-SYS-NAME is SOMARDS the layout of PARS-ACCTNG-SYS-KEY is as follows:

POSITION	DATA ELEMENT	PICTURE
116-121	ACCT-SYS-KEY-JO-NO	X(06)
122-129	ACCT-SYS-KEY-SUB-JO-NO	X(08)
130-133	ACCT-SYS-KEY-EOR	X(04)
134-139	ACCT-SYS-KEY-CCM	X(06)
140-140	ACCT-SYS-KEY-OBLG-TY-CD	X(01)
141-158	ACCT-SYS-KEY-OBLG-REF-NO	X(18)
159-164	ACCT-SYS-KEY-CLIN	X(06)
165-166	ACCT-SYS-KEY-ACRN	X(02)
167-180	ACCT-SYS-KEY-COMT-REF-NO	X(14)
181-198	ACCT-SYS-KEY-IFS-DOCU-NO	X(18)

Note. If the value of PARS-SYS-NAME is CCSS the layout of PARS-ACCTNG-SYS-KEY is as follows:

POSITION	DATA ELEMENT	PICTURE
116-116	CCSS-CMD-DSG	X(01)
117-117	CCSS-CON-REP	X(01)
118-134	CCSS-PIIN	X(17)
135-140	CCSS-SYS-BLANK	X(06)
141-198	FILLER	X(58)

3.2.3.66 System ID 1988, Daily History Update. System ID 1988 is a daily process that writes valid program, resource, job order, commitment, obligation, advance, and reimbursable records to the S2K.HIST file. These records are written from System ID 1918.

a. Program records written from System ID 1918 are written to File ID DAKHBQF01. System ID 1988 writes those records from the File ID to the S2K.HIST file.

(1) Each time that System ID 1988 is executed, the system checks to see whether the PROG-CUST-ORD-NO and PROG-CON-KEY that exists on File ID DAKHBQF01 already exists in the S2K.HIST file. If the C0 level record (PROGRAM RECORD) does exist, then each of the record's corresponding detail records will be added to the S2K.HIST file as a descendent C50 level record (PROG-DTL-RECORD).

(2) If the C0 does not already exist in the file, then the system will add it to the file as a new C0 level record. Each of the PROGRAM RECORD's corresponding detail records will be added to the S2K.HIST file as a descendent C50 level record (PROG-DTL-RECORD).

b. Resource records written from System ID 1918 are written to File ID DAKHBQF01. System ID 1988 writes those records from the File ID to the S2K.HIST file.

(1) Each time that System ID 1988 is executed, the system checks to see whether an MGR-RESR-REF-NO that exists on File ID DAKHBQF01 already exists in the S2K.HIST file. If the C300 level record (RESR-KEY-RECORD) does exist, then each of the record's corresponding detail records will be added to the S2K.HIST file as a descendent C350 level record (RESR-DTL-RECORD).

(2) If the C300 level record does not already exist in the file, then the system checks to see whether the ascendant C0 level record (PROGRAM RECORD) already exists in the S2K.HIST file. If the C0 record does exist, then the system will add a new C300 level record. Each of the RESR-KEY-RECORD's corresponding detail records will be added to the S2K.HIST file as a descendent C350 level record (RESR-DTL-RECORD).

(3) If the C0 record does not exist, then the system will add a new ascendant C0 and C300 level record. Each of the RESR-KEY-RECORD's corresponding detail records will be added to the S2K.HIST file as a descendent C350 level record (RESR-DTL-RECORD).

c. Job order records written from System ID 1918 are written to File ID DAKHBQF01. System ID 1988 writes those records from the File ID to the S2K.HIST file.

(1) If the record's ascendant C300 level record (RESR-KEY-RECORD) does already exist in the S2K.HIST file, then the system will add a new C500 level record (JOB-ORDER-RECORD).

(2) If the record's ascendant C300 level record does not already exist in the S2K.HIST file, then the system checks to see whether the ascendant C0 level record (PROGRAM RECORD) already exists in the S2K.HIST file. If the C0 record does exist, then the system will add a new ascendant C300 level record and a new C500 record (JOB-ORDER-RECORD).

(3) If the record's ascendant C0 record does not already exist in the S2K.HIST file, then the system will add new ascendant C0 and C300 records, and a new C500 level record (JOB-ORDER-RECORD).

d. Commitment records written from System ID 1918 are written to File ID DAKHBQF01. System ID 1988 writes those records from the File ID to the S2K.HIST file.

(1) Each time that System ID 1988 is executed, the system checks to see whether the COMT-REF-NO that exists on File ID DAKHBQF01 already exists in the S2K.HIST file. If the C625 level record (COMT-KEY-RECORD) exists, then each of the record's corresponding detail records will be added to the S2K.HIST file as a descendent C675 level record (COMT-DTL-RECORD).

(2) If the C625 level record (COMT-KEY-RECORD) does not already exist in the file, then the system checks to see whether the ascendant C500 (JOB-ORDER-RECORD) already exists in the file. If the C500 level record does exist, then the system will add a new ascendant C625 level record. Each of the COMT-KEY-RECORD's corresponding detail records will be added to the S2K.HIST file as a descendent C675 level record (COMT-DTL-RECORD).

(3) If the C500 level record does not already exist in the file, then the system checks to see whether the ascendant C300 level record (RESR-KEY-RECORD) already exists in the file. If the C300 level record does exist, then the system will add new ascendant C500 and C625 level records. Each of the COMT-KEY-RECORD's corresponding detail records will be added to the S2K.HIST file as a descendent C675 level record (COMT-DTL-RECORD).

(4) If the C300 level record does not already exist in the file, then the system checks to see whether the ascendant C0 level record (PROGRAM RECORD) already exists in the file. If the C0 level record does exist, then the system will add new ascendant C0, C300, C500, and C625 level records. Each of the COMT-KEY-RECORD's corresponding detail records will be added to the S2K.HIST file as a descendent C675 level record (COMT-DTL-RECORD).

(5) If the C0 level record does not already exist in the file, then the system will add new ascendant C0, C300, C500, and C625 level records. Each of the COMT-KEY-RECORD's corresponding detail records will be added to the S2K.HIST file as a descendent C675 level record COMT-DTL-RECORD).

e. Obligation records written from System ID 1918 are written to File ID DAKHBQF01. System ID 1988 writes those records from the File ID to the S2K.HIST file.

(1) Each time that System ID 1988 is executed, the system checks to see whether the OBLG-SUM-CONCAT-KEY that exists on File ID DAKHBQF01 already exists in the S2K.HIST file. If the C925 level record (OBLG-SUM-RECORD) exists, then each of the record's corresponding detail records will be added to the S2K.HIST file as a descendent C975 level record (OBLG-DTL-RECORD).

(2) If the C925 record does not already exist in the file, then the system checks to see whether the ascendant C500 (JOB-ORDER-RECORD) already exists in the file. If the C500 level record does exist, then the system will add a new ascendant C925 level record. Each of the OBLG-SUM-RECORD's corresponding detail records will be added to the S2K.HIST file as a descendent C975 level record (OBLG-DTL-RECORD).

(3) If the C500 level record does not already exist in the file, then the system checks to see whether the ascendant C300 level record (RESR-KEY-RECORD) already exists in the file. If the C300 level record does exist, then the system will add a new ascendant C500 and C925 level record. Each of the OBLG-SUM-RECORD's corresponding detail records will be added to the S2K.HIST file as a descendent C975 level record (OBLG-DTL-RECORD).

(4) If the C300 level record does not already exist in the file, then the system checks to see whether the ascendant C0 level record (PROGRAM RECORD) already exists in the file. If the C0 level record does exist, then the system will add new ascendant C300, C500, and C925 level records. Each of the OBLG-SUM-RECORD's corresponding detail records will be added to the S2K.HIST file as a descendent C975 level record (OBLG-DTL-RECORD).

(5) If the C0 level record does not already exist in the file, then the system will add new ascendant C0, C300, C500, and C925 level records. Each of the OBLG-SUM-RECORD's corresponding detail records will be added to the S2K.HIST file as a descendent C975 level record (OBLG-DTL-RECORD).

f. Advance records written from System ID 1918 are written to File ID DAKHBQF01. System ID 1988 writes those records from the File ID to the S2K.HIST file.

(1) Each time that System ID 1988 is executed, the system checks to see whether the ADV-OBLG-REF-NO that exists on File ID DAKHBQF01 already exists in the S2K.HIST file. If the C1350 level record (ADV-SUM-RECORD) exists, then each of the record's corresponding detail records will be added to the S2K.HIST file as a descendent C1360 level record (ADV-DTL-RECORD).

(2) If the C1350 record does not already exist in the file, then the system checks to see whether the ascendant C500 (JOB-ORDER-RECORD) already exists in the file. If the C500 level record does exist, then the system will add a new ascendant C1350 level record. Each of the ADV-SUM-RECORD's corresponding detail records will be added to the S2K.HIST file as a descendent C1360 level record (ADV-DTL-RECORD).

(3) If the C500 level record does not already exist in the file, then the system checks to see whether the ascendant C300 level record (RESR-KEY-RECORD) already exists in the file. If the C300 level record does exist, then the system will add a new ascendant C500 and C1350 level record. Each of the ADV-SUM-RECORD's corresponding detail records will be added to the S2K.HIST file as a descendent C1360 level record (ADV-DTL-RECORD).

(4) If the C300 level record does already not exist in the file, then the system checks to see whether the ascendant C0 level record (PROGRAM RECORD) already exists in the file. If the C0 level record does exist, then the system will add new ascendant C300, C500, and C1350 level records. Each of the ADV-SUM-RECORD's corresponding detail records will be added to the S2K.HIST file as a descendent C1360 level record (ADV-DTL-RECORD).

(5) If the C0 level record does not already exist in the file, then the system will add new ascendant C0, C300, C500, and C1350 level records. Each of the ADV-SUM-RECORD's corresponding detail records will be added to the S2K.HIST file as a descendent C1360 level record (ADV-DTL-RECORD).

g. Reimbursable records written from System ID 1918 are written to File ID DAKHBQF01. System ID 1988 writes those records from the File ID to the S2K.HIST file.

(1) Each time that System ID 1988 is executed, the system checks to see whether an REIMB-CUST-ORD-NO that exists on File ID DAKHBQF01 already exists in the S2K.HIST file. If the C1400 level record (REIMB-KEY-RECORD) does exist, then each of the record's corresponding detail records will be added to the S2K.HIST file as a descendent C1450 level record (REIMB-DTL-RECORD).

(2) If the C1400 level record does not already exist in the file, then the system checks to see whether the ascendant C300 level record (RESR-KEY-RECORD) already exists in the file. If the C300 level record does exist, then the system will add a new C1400 level record. Each of the REIMB-KEY-RECORD's corresponding detail records will be added to the S2K.HIST file as a descendent C1450 level record (REIMB-DTL-RECORD).

(3) If the C300 level record does not already exist in the file, then the system checks to see whether the ascendant C0 level record (PROGRAM RECORD) already exists in the S2K.HIST file. If the C0 record does exist, then the system will add new C300 and C1400 level records. Each of the REIMB-KEY-RECORD's corresponding detail records will be added to the S2K.HIST file as a descendent C1450 level record (REIMB-DTL-RECORD).

(4) If the C0 level record does not already exist in the file, then the system, then the system will add new ascendant C0, C300, and C1400 level records. Each of the REIMB-KEY-RECORD's corresponding detail records will be added to the S2K.HIST file as a descendent C1450 level record (REIMB-DTL-RECORD).

h. SOMARDS Daily Suspected Duplicate Transaction Listing, PCN B67AXXG424D. This report provides the status of all potential duplicate commitment, obligation, disbursement, order received, or collection transactions that have updated the S2K.HIST file.

(1) Each detail line represents a transaction that has exactly the same values in several selected elements as one or more other transactions that have already updated the S2K.HIST file. The transactions that are printed on this report represent the second, third, fourth, and so fourth, transactions with matching values in selected fields. The original transaction with these same matching fields is not printed.

(2) The purpose of this report is to provide the user with a print out of potential duplicate transactions that can be screened for possible errors in data entry. The S2K.HIST file is screened for possible duplicates that would qualify for printing on this report. The existence of a transaction on this report does not necessarily mean that it is an erroneous transaction. It is possible that there are valid transactions entered in the same daily cycle or in previous cycles that, coincidentally, have the same values in several elements.

3.2.3.67 System ID 1989, S2K.GNLR Update. System ID 1989 is a daily process that establishes or updates the S2K.GNLR file with funds control, execution, advance, and reimbursement transactions that have successfully updated the S2K.FUND file. These records are written from System ID 1918. Dollar balances of the accounts debited and credited are modified depending on the update code used to process each transaction and the account's debit/credit code in the S2K.GNLR file. Also, valid funds control, execution, advance, and reimbursement transactions will establish and update an S2K.GNLR record if one has not previously been established. Refer to ADSM 18-C99-JAQ-ZZZ-UM-03 for the general ledger accounts updated by SOMARDS transactions.

3.2.3.68 System ID 1990, Regulatory Report Router. This System ID reformats and consolidates the SOMARDS status transactions (File ID AK.AKHCKF01) and general ledger trial balance transactions (File IDs AK.AKHAPF02 and AK.AKHAPF03) routed by System ID 1922. It accesses the SOMAMSCD file to obtain the AMS code format requirement for each regulatory report. It generates File ID AK.AKRALF01 for subsequent processing by System ID 1991.

3.2.3.69 System ID 1991, Regulatory Report Update. This System ID loads the regulatory and general ledger report transactions (File ID AK.AKRALF01), that are routed by System ID 1990, to the SOMAREPT file. The users can then update this VSAM file through System ID 1900, using TRNS-CD 864, prior to submission of these reports. Refer to ADSM 18-C99-JAQ-ZZZ-UM-02 for detailed information regarding TRNS-CD 864.

3.2.3.70 System ID 1992, Regulatory Report Print. This System ID extracts information from the SOMAREPT file, based upon REPT-TRC, that is assigned during System ID 1922 processing. It generates four formatted hardcopy regulatory reports and one general ledger report. The data in the SOMAREPT file can be viewed, changed, deleted, or added on-line, using TRNS-CD 864, before this System ID actually produces the hardcopy reports. Refer to ADSM 18-C99-JAQ-ZZZ-UM-02 for more detailed information regarding TRNS-CD 864.

a. Financial Status of ARPA Orders (RCS OSD-1058 (R-1) Report), PCN B67AXXG454M. This report is the regulatory reporting vehicle for appropriation 0400 where the limitation equals 11EA, 11EF, 1120, 1301, 25EA, 26EA or 2501.

(1) For limitation 2501, the program year must be less than 1992. For the remaining limitations, records are extracted for all program years except where PROG-YR equals CCCC.

(2) Records are sorted by department code, program year, appropriation, limitation, operating agency, FSN, allotment, AMS code and Defense Advance Research Projects Agency (DARPA) order number.

(3) The process accumulates by order number and project code within accounting classification. The computations for the dollar value of each field on the report and the REPT-TRC-AC assigned to the corresponding record in the SOMAREPT file are as follows:

(a) Available funds is computed as the sum of UNOBLG-FD-BEGIN-FY plus RESR-QTRLY-FUND-FYTD (REPT-TRC AC).

(b) Obligations incurred in current fiscal year is the sum of EOR-OBLG-FYTD (REPT-TRC AJ).

(c) Unpaid obligations as of 1 October is the sum of UNLIQ-OBLIG-BEGIN-FY (REPT-TRC AE).

(d) Disbursements during current fiscal year is the sum of EOR-DISB-FYTD (REPT-TRC AK).

(e) Unpaid obligations end of period is the sum of available funds plus obligations Incurred in the current fiscal year minus disbursements during current fiscal year (REPT-TRC AC + AJ – AK).

(f) Unobligated balance is the sum of available funds minus obligations incurred in the current fiscal year (REPT-TRC AC – AJ).

(g) Undelivered orders - government is the sum of (EOR-OBLG-WI-CFI - EOR-OBLG-WI-NM - EOR-EXP-WI-CFI + EOR-EXP-WI-NM) (REPT-TRC AS).

(h) Undelivered orders - non-government is the sum of (EOR-OBLG-WO-CFI - EOR-OBLG-WO-NM - EOR-EXP-WO-CFI + EOR-EXP-WO-NM) (REPT-TRC AT).

(i) Accounts payable - government is the sum of (EOR-EXP-WI-CFI - EOR-EXP-WI-NM - EOR-DISB-WI-CFI + EOR-DISB-WI-NM) (REPT-TRC AV).

(j) Accounts payable - non-government is computed as the sum of (EOR-EXP-WO-CFI - EOR-EXP-WO-NM - EOR-DISB-WO-CFI + EOR-DISB-WO-NM) (REPT-TRC AW).

(k) Current month disbursements by Us is the sum of EOR-DISB-US-CRM (REPT-TRC AM).

(l) Current month disbursements by others is the sum of EOR-DISB-OTH-CRM (REPT-TRC AO).

(m) Current month disbursements by interfund is the sum of EOR-DISB-INTF-CRM (REPT-TRC AN).

b. Obligation by Object Class (RCS CSCFA-212 Report), PCN B67AXXG504M. This report applies only to those limitations in the 0400 appropriation that are reported on the RCS OSD-1058 (R-1) report. It distributes the dollar value of obligations year-to-date total (REPT-TRC MA) and within government (REPT-TRC MB) by the two-position object classification. Records are sorted by department code, program year, appropriation, limitation, operating agency, FSN, allotment, and object classification.

c. Status of Approved Resources (RCS CSCFA-218 Report), PCN B67AXXG554M. This report provides the regulatory reporting requirements as defined by AR 37-1 and includes current guidance received from DA and HQ, AMC. The report is made up of various schedules and sections as follows:

Section 1: Source of Funding -- Direct (D)

Schedule	Title
1	Primary Data
3	Obligations and Recoveries
4	Unobligated Funds and Unliquidated Obligations--Direct
7	Foreign Military Sales, Direct Cite, Accrual Data

Section 2: Source of Funding -- Funded (F)

Schedule	Title
1	Primary Data
3	Obligations and Recoveries
4	Unobligated Funds and Unliquidated Obligations--Funded
7	Foreign Military Sales, Direct Cite, Accrual Data

Section 3: Source of Funding -- Automatic (A)

Schedule	Title
1	Primary Data
3	Obligations and Recoveries
4	Unobligated Funds and Unliquidated Obligations--Automatic
7	Foreign Military Sales, Direct Cite, Accrual Data

Section 4: Military Personnel Expenses

Section 5: Functional Cost Account Data

Schedule	Title
1	Productivity Capital Investment Program
2	Morale Welfare and Recreation Program
3	Counter Drug Program

Section 6: Management Information Management Decision Package (MDEP) Execution Data

(1) Sections 1, 2, and 3 use the same extract logic. Records are determined to be direct, funded or automatic based upon the REPT-SRC-OF-FUNDS in the SOMAREPT file.

(a) Schedule 1, Primary Data, displays program, funds, outstanding commitments, obligations, deobligations, disbursements, end strength, and man-months. The extracted records are sorted by appropriation, operating agency, FSN, allotment, limitation, program year, department, AMS code, and EOR. Records within the sort key are accumulated, and a detail line is printed on the report. One card image is created for each detail record on the report for program, funds, outstanding commitments, obligations, deobligations, disbursements, end strength, and man-months during System ID 1993 processing. For each break in the sort sequence through department, the memorandum data are printed and System ID 1993 produces a card image for each value not equal to zero.

(b) Schedule 3, Obligations and Recoveries, is a monthly schedule that provides the FYTD obligations and deobligations by within and outside federal government. Card images generated during System ID 1993 processing, containing a 1 in position 38, identify within federal government dollar values, and those containing a 2 in position 38 identify outside federal government dollar values. The total of obligations should balance to the obligations column on Schedule 1, and the total of deobligations should balance to the deobligation column on Schedule 1.

(c) Schedule 4, Unobligated Funds and Unliquidated Obligations, is an annual schedule displaying ending unobligated funds, beginning unliquidated obligations, obligations, deobligations, disbursements and ending unliquidated obligations. The report is created monthly; however, the card images created during System ID 1993 processing are only created with the September report. For the value of unobligated funds, a card image with a Z in position 75 and a B in position 76 is created during System ID 1993 processing. For the value of unliquidated obligations, a card image with a Z in position 75 and an E in position 76 is created.

(d) Schedule 7 displays, for each FMS case/line number combination, undelivered orders and accounts payable (within and outside government), advances (outside government) and unliquidated obligations. Subtotals are displayed for each FMS case, and totals are provided for each sort key.

(2) Section 4 of the report contains military personnel expenses. The direct, funded, and automatic expenses are summed and displayed separately. A card image with a 33 in positions 75-76 is created for each type of funds at the print line level during System ID 1993 processing.

(3) Section 5.

(a) Schedule 1 is the productivity capital investment program portion of the report. It displays the AMS, FCA code, EOR, and obligations FYTD. A card image, with 26 in positions 75-76, is created for each print line on the report during System ID 1993 processing.

(b) Schedule 2 is the morale welfare and recreation program portion of the report. It is a supporting schedule of the CSCFA-218 report. Records are summarized by EOR within FCA code, AMS code, and accounting classification. A card image, with 26 in positions 75-76, is created for each print line on the report during System ID 1993 processing.

(c) Schedule 3, the counter drug report portion of the report, is another AMC reporting requirement. The report accumulates the value of obligations FYTD. Records are printed for each break in EOR within FCA code.

(4) Section 6 is the MDEP execution data portion of the report. The records are sorted by AMS code, MDEP, and type of funds within the accounting classification. The print line contains the value of direct obligations, funded obligations, and automatic obligations. Deobligations are also accumulated and printed by direct, funded, and automatic. Card images, with 44 in positions 75-76 for obligations and 45 in positions 75-76 for deobligations, are created during System ID 1993 processing.

d. Status of Reimbursements (RCS-CSCFA-112 Report), PCN B67AXXG574M. This is an eight-part report that is sorted by report part, appropriation, department, program year, limitation, operating agency, FSN, and allotment serial number.

(1) Parts 1 and 2 provide annual reimbursable program (current fiscal year only), orders received FYTD, earnings FYTD, collections FYTD, end of period unfilled orders, and end of period accounts receivables. Funded orders are included in part 1 and automatic orders are included in part 2. The data are provided for each combination of AMS and source code and is totaled for the sort key. In addition, the following totals are displayed as memorandum data for each sort key:

(a) CM collections by this station.

(b) CM collections by others.

(c) CM collections by interfund.

(d) Transfers for collection - laundry.

(e) Transfers for collection - property disposal.

(f) Transfers for collection - agriculture and grazing.

(2) Parts 3, 4, 6, and 7 are only produced at the end of each quarter and reflect the status of accounts and loans receivable due from the public for funded orders, the status of accounts and loans receivable due from the public for automatic orders, the status of travel advances due from the public, and the status of other advances due from the public, respectively. Each part is comprised of two sections as described below.

(a) The first section represents a reconciliation and provides beginning receivables, new receivables, repayments, number of accounts collected, reclassified amounts, amounts written off, and ending receivables by source code for the sort key (a grand total for the summary source code is also provided).

(b) The second section represents an aging of outstanding receivables. Figures shown are by source code for the sort key (a grand total for the summary source code is also provided). The following categories are displayed on the report: not delinquent, 1-30 days delinquent, 31-90 days delinquent, 91-180 days delinquent, 181-360 days delinquent, over 360 days delinquent, non-current receivables, and total receivables

e**.** General Ledger Trial Balance, PCN B67AXXF004M. This report provides, in hardcopy form, the information contained in File ID AK.AKWADF01, which is generated during System ID 1993 processing. The report is sorted by operating agency, department, program year, basic symbol, limitation, allotment serial number, and FSN. It displays the value contained in the SOMAREPT file RPT-AMT field in general ledger account number order (where REPT-TRC is GL). The amounts are displayed in the appropriate debit or credit column, and total debits and credits are displayed for each accounting classification. The SOMAGLAC file is accessed to obtain and display the corresponding nomenclature for each general ledger account number.

3.2.3.71 System ID 1993, Regulatory Report Submission. This System ID extracts information from the SOMAREPT file and generates four regulatory report transaction files and the general ledger trial balance transaction file, that users will send to the required DFAS location. The data in the SOMAREPT file can be viewed, changed, deleted, or added on-line, using TRNS-CD 864, before this System ID actually produces the report submissions. Refer to ADSM 18-C99-JAQ-ZZZ-UM-02 for more detailed information regarding TRNS-CD 864.

a. File IDs AK.AKRAVF01 and AK.AKRAVF02 contain records relating to the status of approved resources (RCS CSCFA-218 report).

b. File ID AK.AKRAWF01 contains records relating to the financial status of ARPA orders (RCS OSD-1058 (R-1) report).

c. File ID AK.AKRAXF01 contains records relating to the obligation by object class (RCS CSCFA-212 report).

d. File ID AK.AKWADF01 contains records relating to the general ledger trial balance submission.

3.2.3.72 System ID 1997, SOMAMSCD/S2K.FUND Reconciliation. This System ID compares AMS-CD information in the S2K.FUND and SOMAMSCD files and produces a hardcopy report identifying discrepancies between the files.

a. The process bypasses records where the PROG-YR equals CCCC or the appropriation is 8242.

b. SOMAMSCD/S2K.FUND Reconciliation Report, PCN B67AXXM074R. When an AMS-CD exists in the S2K.FUND file but not in the SOMAMSCD file, the AMS-CD is displayed on this report. The report displays the appropriation, limit, fiscal year, department, AMS code, and the key for the S2K.FUND file record where the discrepancy was found.

(1) When the AMS-CD contained in positions 18-28 of the S2K.FUND file PROG-CON-KEY (C2) cannot be located in the AMSCD file, the report will display the program customer order number and the program control key.

(2) When the AMS-CD contained in the S2K.FUND resource record (C312) cannot be located in the AMSCD file, the report will display the manager resource reference number.

(3) When the AMS-CD contained in the S2K.FUND job order record (C508) cannot be located in the AMSCD file, the report will display the JO-NO.

3.2.3.73 System ID 1998, Departmental Database Expenditure. System ID 1998 extracts data from the S2K.FUND file to create DDBE Data Warehouse Transactions (File ID AK.AKPCTB01) as input to the DDBE.

a. The DDBE data warehouse transactions file is populated by reading all the non-labor obligation records in the S2K.FUND file. A description of this file follows:

DDBE DATA WAREHOUSE TRANSACTIONS FILE

POSITION	DATA ELEMENT	PICTURE
1	DW-SYS-ID	X(1).
2	DW-CMD-DSG	X(1).
3- 4	DW-SITE-CD	X(2).
5	DW-OBLG-TY-CD	X(1).
6- 11	DW-JO-NO	X(6).
12- 19	DW-SUB-JO-NO	X(8).
20- 33	DW-COMT-REF-NO	X(14).
34- 51	DW-OBLG-REF-NO	X(18).
52- 55	DW-EOR	X(4).
56- 69	DW-TRANS-REF-NO	X(14).
70- 75	DW-CLIN	X(6).
76- 77	DW-ACRN	X(2).
78- 83	DW-COST-CEN-MGR	X(6).
84-101	DW-IFS-DOCU-NO	X(18).
102-123	FILLER-ONE	X(22).
124-135	DW-ULO	S9(10)V99.
136-147	DW-PROG-PAY	S9(10)V99.
148-159	DW-AFD	S9(10)V99.
160-195	FILLER-TWO	X(36).

b. The tables below show the values assigned to each data element from an FC-OBLG-MISC-DTL-RECORD, FC-OBLG-CONTR-DTL-RECORD, FC-OBLG-GBL-DTL-RECORD, FC-OBLG-RQN-DTL-RECORD, or FC-OBLG-TVL-DTL-RECORD.

(1) Values assigned from FC-OBLG-MISC-DTL-RECORD or FC-OBLG-CONTR-DTL-RECORD.

ELEMENT	FC-OBLG-MISC-DTL-RECORD	FC-OBLG-CONTR-DTL-RECORD
DW-SYS-ID	S	S
DW-CMD-DSG	RESR-CMD-DSG	RESR-CMD-DSG
DW-SITE-CD	See Note 1	See Note 1
DW-OBLG-TY-CD	M	C
DW-JO-NO	JO-NO	JO-NO
DW-SUB-JO-NO	MISC-SUB-JO-NO	CONTR-SUB-JO-NO
DW-COMT-REF-NO	MISC-COMT-REF-NO	CONTR-COMT-REF-NO
DW-OBLG-REF-NO	OBLG-REF-NO-SPIIN	CONTR-NO
DW-EOR	MISC-EOR	CONTR-EOR
DW-TRANS-REF-NO	Spaces	Spaces
DW-CLIN	Spaces	CONTR-CLIN
DW-ACRN	Spaces	CONTR-ACRN
DW-COST-CEN-MGR	MISC-COST-CEN-MGR	CONTR-COST-CEN-MGR
DW-IFS-DOCU-NO	MISC-IFS-DOCU-NO	CONTR-IFS-DOCU-NO
FILLER-ONE	Spaces	Spaces
DW-ULO	MISC-OBLG-CFI minus MISC-DISB-CFI	CONTR-OBLG-CFI minus CONTR-DISB-CFI
DW-PROG-PAY	Zero	DISB-PROGR-PMT-OSTD-WI-CFI plus DISB-PROGR-PMT-OSTD-WO-CFI
DW-AFD	Zero	Zero
FILLER-TWO	Spaces	Spaces

Note. If a value is passed by job control language (JCL) that value is assigned otherwise a default value of 99 is assigned.

(2) Values assigned from FC-OBLG-GBL-DTL-RECORD, FC-OBLG-RQN-DTL-RECORD, or FC-OBLG-TVL-DTL-RECORD.

ELEMENT	FC-OBLG-GBL-DTL-RECORD	FC-OBLG-RQN-DTL-RECORD	FC-OBLG-TVL-DTL-RECORD
DW-SYS-ID	S	S	S
DW-CMD-DSG	RESR-CMD-DSG	RESR-CMD-DSG	RESR-CMD-DSG
DW-SITE-CD	See Note 1	See Note 1	See Note 1
DW-OBLG-TY-CD	G	R	T
DW-JO-NO	JO-NO	JO-NO	JO-NO
DW-SUB-JO-NO	GBL-SUB-JO-NO	RQN-SUB-JO-NO	TVL-SUB-JO-NO
DW-COMT-REF-NO	See Note 2	RQN-COMT-REF-NO	TVL-COMT-REF-NO
DW-OBLG-REF-NO	GBL-NO	RQN-NO	TVL-STD-DOCU-NO
DW-EOR	OBLG-EOR	RQN-EOR	TVL-EOR
DW-TRANS-REF-NO	Spaces	Spaces	Spaces
DW-CLIN	Spaces	Spaces	Spaces
DW-ACRN	GBL-ACRN	Spaces	Spaces
DW-COST-CEN-MGR	GBL-COST-CEN-MGR	RQN-COST-CEN-MGR	TVL-COST-CEN-MGR
DW-IFS-DOCU-NO	GBL-IFS-DOCU-NO	RQN-IFS-DOCU-NO	TVL-IFS-DOCU-NO
FILLER-ONE	Spaces	Spaces	Spaces
DW-ULO	GBL-OBLG-EXP-CFI minus GBL-DISB-CFI	RQN-OBLG-CFI minus RQN-DISB-CFI	TVL-OBLG-CFI minus TVL-DISB-CFI
DW-PROG-PAY	Zero	Zero	Zero
DW-AFD	Zero	Zero	Zero
FILLER-TWO	Spaces	Spaces	Spaces

Note 1. If a value is passed by job control language that value is assigned otherwise a default value of 99 is assigned.

Note 2. Positions 1 to 6 are assigned the value of DW-JO-NO, positions 7 to 9 are the value GBL, and positions 10 to 12 are spaces.

3.3 Input Requirements. N/A.

3.3.1 Input Formats. N/A.

3.3.2 Composition Rules. N/A.

3.3.3 Input Vocabulary. N/A.

3.3.4 Sample Inputs. N/A.

3.4 Output Requirements. SOMARDS reports are produced on a daily, monthly, and as-required basis. These output products are unclassified; however, all civilian labor reports produced by System ID 1911 carry the protective statement that these reports are subject to the Privacy Act of 1974 and should be handled accordingly. Refer to appendix G for a listing of product control numbers (PCNs) by System ID.

3.4.1 Output Formats. Refer to individual System ID explanations for a description of output products.

3.4.2 Sample Outputs. N/A.

3.4.3 Output Vocabulary. N/A.

3.5 Utilization of System Outputs. The need for output reports made by SOMARDS users assist in upper level management's efforts to monitor the current status of program and funds, execution activity, and regulatory reporting. Output products are also designed for reject correction capability, file inquiry, and file reconciliation.

3.6 Recovery and Error Correction Procedures. Refer to the applicable OMs listed in paragraph 1.2.5. Individual transaction rejects and correction procedures are covered in ADSM 18-C99-JAQ-ZZZ-UM-02. Refer to individual transaction descriptions in that ADSM for more information.

Appendix A

TERMS AND ABBREVIATIONS

Terms	Explanation
ADP	automatic data processing
ADSM	Automated Data Systems Manual
AMC	Army Materiel Command
AMS	Army management structure
AMCISS	Army Materiel Command installation supply system
APA	Army procurement appropriation
APVM	accounting pre-validation module
AR	Army regulation
ARDEC	Armament Research, Development and Engineering Center
ARL	Army Research Laboratory
ASSSC	Automated Self-Service Supply Center
ATAAPS	Automated Time Attendance and Production System
AWOL	absent without leave
BOR	base operations rate
CAWF	conventional ammunition working capital fund
CCSS	Commodity Command Standard System
*CCSSMIL	Commodity Command Standard System Military Standard Contract Administration Procedure
CDMR	cyclic data management routine
CICS	Customer Information Control System
COE	commitment obligation expense
COED	commitment obligation expense disbursement
COPS	create on-line procurement work directive system
CM	current month
*CSC	Computer Sciences Corporation
CSRS	Civil Service Retirement System

Appendix A--Continued

Terms	Explanation
DA	Department of the Army
DAAS	Defense Automated Addressing System
DARPA	Defense Advance Research Projects Agency
DBMS	database management system
DCD	DFAS Corporate Database
DCPS	Defense Civilian Pay System
DDBE	departmental database expenditure
DELMARS	data element management/accounting reporting system
DFAS	Defense Finance and Accounting Service
DIC	document identifer code
DISA	Defense Information Systems Agency
*DLA	Defense Logistics Agency
DMC	Defense Megacenter
DOD	Department of Defense
DOIM	Director of Information Management
DOV	disbursing officer voucher
DSSN	disbursing station symbol number
DTR	daily transaction register
DTS	Defense Travel System
EAI	earnings adjustment indicator
EC/EDI	electronic commerce/electronic data interchange
EOR	EOR
*FAS	Fuel Automated System
FCA	functional cost account
FDRI	financial data reporting identifier
FEGLI	Federal employees' group life insurance
FEHBI	Federal employees' health benefit insurance

Appendix A—Continued

Terms	Explanation
FERS	Federal Employees Retirement System
FICA	Federal Insurance Contributions Act
File ID	queue, dataset, or master file
FLSA	federal labor standards act
FMS	foreign military sales
FSN	FSN
FYTD	fiscal year to date
GBL	government bill of lading
GM	general merit pay
GOA	general operating agency
GPR	gross pay reconciliation
GRC	gross reconciliation code
GS	General Schedule
HQ	headquarters
HQ, DA	Headquarters, Department of the Army
*HQARS	Headquarters Accounting Reporting System
IBM	International Business Machines
IFS	Integrated Facilities System
IMPAC	International Merchant Purchase Authorization Card
ISC	Information Systems Command
JCL	job control language
JES	job entry subsystem
LWOP	leave without pay
MAP	Military Assistance Program
MDEP	management decision package
MDMS	maintenance data management system
MEPRS	Medical Expense Performance Reporting System

Appendix A--Continued

Terms	Explanation
MILSTRIP	Military Standard Requisitioning and Issue Procedure
MOCAS	mechanization of contract administration services
MSO/P	master service order/phase
M&S	material and services
NM	next month
OM	Computer Operation Manual
OMA	operations and maintenance, Army
OPS	Output Products System
OS	operating system
OWCP	office of worker compensation program
PCN	product control number
pos	position
PRON	procurement request order number
PWD	procurement work directive
PY	prior year
RASFIARS	retail Army stock fund financial inventory accounting and reporting system
RCS	requirements control symbol
RDTE	research, development, test, and evaluation
rec	record
SES	senior executive service
SIFS	Standard Industrial Fund System
SOMA	standard operations and maintenance Army
SOMAACCL	standard operations and maintenance Army accounting class
SOMABILC	standard operations and maintenance Army bill cycle
SOMABILL	standard operations and maintenance Army bill
SOMABLKC	standard operations and maintenance Army block control
SOMABLKT	standard operations and maintenance Army block ticket

Appendix A--Continued

Terms	Explanation
SOMACCMV	standard operations and maintenance Army cost center manager validation
SOMADIST	standard operations and maintenance Army distribution
SOMADOVT	standard operations and maintenance Army disbursing officer voucher number table
SOMAEARM	standard operations and maintenance Army earmark
SOMAFMNT	standard operations and maintenance Army file maintenance
SOMAGLAC	standard operations and maintenance Army general ledger account code
SOMAIFSD	standard operations and maintenance Army integrated facilities system Document
SOMALBCC	standard operations and maintenance Army labor cost center
SOMALBRD	standard operations and maintenance Army labor detail
SOMALJOR	standard operations and maintenance Army labor job order
SOMAMEOR	standard operations and maintenance Army master EOR
SOMAMSCD	standard operations and maintenance Army management structure code
SOMAPARS	standard operations and maintenance Army payment accounting reconciliation subsystem
SOMARATE	standard operations and maintenance Army rate
SOMARDS	Standard Operations and Maintenance Army Research and Development System
SOMAREPT	standard operations and maintenance Army rejects
SOMASEOR	standard operations and maintenance Army standard EOR
SOMATBLS	standard operations and maintenance Army tables
SOMAUATH	standard operations and maintenance Army user authorization
SOMAULOM	standard operations and maintenance Army unliquidated obligations master
SOMAUNIQ	standard operations and maintenance Army unique
*SRD-1	standard financial system (STANFINS) redesign subsystem-1
SSAN	social security account number
STANFINS	Standard Financial System
System ID	application

Appendix A--Continued

Terms	Explanation
S2K	System 2000
S2K.FUND	System 2000 fund
S2K.GNLR	System 2000 general ledger
S2K.HIST	System 2000 history
S2K.ISAC	System 2000 interfund suspense account
S2K.LBRM	System 2000 labor master
TDA	tables of distribution and allowances
T&E	test and evaluation
TRC	transaction record code
TSP	thrift savings plan
UC	user command
UIC	unit identification code
UM	Users Manual
US	United States
USAMC	US Army Materiel Command
USASAC	US Army Security Assistance Command
UNCLAS	unclassified
VSAM	virtual storage access method
WG	wage grade

Appendix B

SOMARDS FILE STRUCTURES

Appendix B--Continued

SOMA ACCOUNTING CLASS
RECORD LENGTH = 57. KEY LENGTH = 9

```
01  ACCL-CLASS-RECORD.
      05  ACCL-KEY-SSAN              PIC X(09).
      05  ACCL-FISC-STA-NO          PIC X(06).
      05  ACCL-PAYROLL-OFFICE-ID    PIC X(06).
      05  ACCL-ACCT-EFFECT-DT       PIC X(06).
      05  ACCL-TDA-JO-NO            PIC X(06).
      05  ACCL-COST-CEN-MGR         PIC X(06).
      05  ACCL-DEPT-CD              PIC X(02).
      05  ACCL-PROG-YR              PIC X(02).
      05  ACCL-APROP-SYM            PIC X(04).
      05  ACCL-LIMIT                PIC X(04).
      05  ACCL-OP-AGCY              PIC X(02).
      05  ACCL-ALOT                 PIC X(04).
```

Appendix B--Continued

SOMA BILL CYCLE
RECORD LENGTHS = 150, KEY LENGTHS = 14

```
01  BILC-HDR-RECORD.
    05  BILC-HDR-KEY.
        10 BILC-HDR-CMD-DSG              PIC X(01).
        10 BILC-HDR-BILL-NO              PIC X(06).
        10 BILC-HDR-REC-TYP             PIC X(01) VALUE 'A'.
        10 BILC-HDR-SEQ-NO              PIC X(06) VALUE '000000'.
    05  BILC-BILL-ACT-CD                PIC X(01).
    05  BILC-BILL-AMT                   PIC S9(11)V99.
    05  BILC-DISB-AMT                   PIC S9(11)V99.
    05  BILC-SYSTEM                     PIC X(07).
    05  BILC-DOV-NO                     PIC X(06).
    05  BILC-DOV-DT                     PIC X(08).
    05  BILC-BLK-TKT-NO                 PIC X(07).
    05  BILC-BLK-TKT-DT                 PIC X(08).
    05  BILC-TOT-DTL-RECS               PIC 9(06).
    05  FILLER                          PIC X(67).

01  BILC-DTL-RECORD.
    05  BILC-DTL-KEY.
        10 BILC-DTL-CMD-DSG             PIC X(01).
        10 BILC-DTL-BILL-NO             PIC X(06).
        10 BILC-DTL-REC-TYP            PIC X(01) VALUE 'B'.
        10 BILC-DTL-SEQ-NO             PIC 9(06).
    05  BILC-CUST-ORD-NO                PIC X(15).
    05  BILC-MGR-RESR-REF-NO            PIC X(15).
    05  BILC-JO-NO                      PIC X(06).
    05  BILC-SUB-JO-NO                  PIC X(08).
    05  BILC-IFS-DOCU-NO                PIC X(18).
    05  BILC-EOR                        PIC X(04).
    05  BILC-COMT-REF-NO                PIC X(14).
    05  BILC-OBLG-REF-NO                PIC X(18).
    05  BILC-CCM                        PIC X(06).
    05  BILC-ENTRY-DATA                 PIC X(14).
    05  BILC-ACT-AMT                    PIC S9(11)V99.
    05  BILC-BILL-TO-CMD-DSG            PIC X(01).
    05  BILC-BILL-TO-SITE-CD            PIC X(02).
    05  FILLER                          PIC X(02).
```

Appendix B--Continued

SOMA BILL
RECORD LENGTHS = 66, KEY LENGTHS = 13

```
01  SOMABILL-HDR.
      05  BILL-KEY.
            10  CMD-DSG                     PIC X(01).
            10  BILL-NO                     PIC X(05).
            10  REC-TY                      PIC X(01).
            10  SEQ-NO                      PIC X(06).
      05  TOT-BILL-AMT                      PIC S9(11)V99.
      05  FILLER                            PIC X(40).


01  SOMABILL-DTL.
      05  BILL-KEY.
            10  CMD-DSG                     PIC X(01).
            10  BILL-NO                     PIC X(05).
            10  REC-TY                      PIC X(01).
            10  SEQ-NO                      PIC X(06).
      05  APROP-SYM                         PIC X(04).
      05  JO-NO                             PIC X(06).
      05  COST-CEN-MGR                      PIC X(06).
      05  DOCU-NO                           PIC X(14).
      05  EOR                               PIC X(04).
      05  DSSN                              PIC X(04).
      05  DISB-FIN-PRT-CD                   PIC X(01).
      05  DIC                               PIC X(03).
      05  ACT-AMT                           PIC S9(9)V99.
```

Appendix B--Continued

SOMA BLOCK CONTROL
RECORD LENGTHS = 100, KEY LENGTHS = 16

```
01  BLK-TIKT-CNTRL-RECORD.
    05  BLK-TIKT-KEY.
        10  BLK-CMD-DSG                PIC X(01).
        10  BLK-NO                     PIC X(03).
        10  BLK-TKT-DT                 PIC X(08).
        10  FILLER                     PIC X(04).
    05  BLK-TOT-BLK                    PIC S9(13)V99.
    05  BLK-CUM-BLK-VALUE              PIC S9(13)V99.
    05  FILLER                         PIC X(54).


01  BLK-TIKT-CNTRL-BTCH-RECORD.
    05  BLK-TIKT-BTCH-KEY.
        10  BTCH-CMD-DSG               PIC X(01).
        10  BTCH-BLK-NO                PIC X(03).
        10  BTCH-BLK-TKT-DT            PIC X(08).
        10  BTCH-BLK-BATCH-NO          PIC X(04).
    05  BTCH-TOT-BTCH                  PIC S9(12)V99.
    05  BTCH-CUM-BTCH-VALUE            PIC S9(12)V99.
    05  BTCH-PROC-VALUE                PIC S9(12)V99.
    05  BTCH-SEQ-NO                    PIC 9(05).
    05  FILLER                         PIC X(37).
```

Appendix B--Continued

SOMA BLOCK TICKET
RECORD LENGTHS = 750, KEY LENGTHS = 23

```
01  BLK-TIKT-CNTRL-DTL-RECORD.
    05  BLKT-BLK-TIKT-DTL-AREA.
        10 BLKT-BLK-TIKT-DTL-KEY.
            15 BLKT-DTL-CMD-DSG             PIC  X(01).
            15 BLKT-DTL-BLK-NO              PIC  X(03).
            15 BLKT-DTL-BLK-TKT-DT          PIC  X(08).
            15 BLKT-DTL-BATCH-NO            PIC  X(04).
            15 BLKT-DTL-SEQ-KEY.
                20 BLKT-DTL-REC-SEQ-NO      PIC  9(05).
                20 BLKT-DTL-GEN-SEQ-NO      PIC  9(02).
        10 BLKT-DTL-TRNS-CD                 PIC  X(03).
        10 BLKT-DTL-UPDT-CD                 PIC  X(02).
        10 BLKT-DTL-PROC-ACT-CD             PIC  X(01).
        10 BLKT-DTL-INP-ACT-CD              PIC  X(01).
        10 BLKT-DTL-TRANS-IMAGE             PIC  X(300).
        10 BLKT-DTL-ACT-AMT-TOT             PIC S9(11)V99.
    05  BLKT-BLK-TIKT-DTR-AREA.
        10 BLKT-DTR-PROG-CON-KEY.
            15 BLKT-DTR-PCK-OP-AGCY         PIC  X(02).
            15 BLKT-DTR-PCK-PROG-YR         PIC  X(02).
            15 BLKT-DTR-PCK-APROP-SYM       PIC  X(04).
            15 BLKT-DTR-PCK-LIMIT           PIC  X(04).
            15 BLKT-DTR-PCK-ALOT            PIC  X(04).
            15 BLKT-DTR-PCK-PROG-EXEC-CD    PIC  X(01).
            15 BLKT-DTR-PCK-PROG            PIC  X(13).
        10 BLKT-DTR-DEPT-CD                 PIC  X(02).
        10 BLKT-DTR-PROG-YR                 PIC  X(04).
        10 BLKT-DTR-APROP-SYM               PIC  X(04).
        10 BLKT-DTR-LIMIT                   PIC  X(04).
        10 BLKT-DTR-OP-AGCY                 PIC  X(02).
        10 BLKT-DTR-ALOT                    PIC  X(04).
        10 BLKT-DTR-AMS-CD                  PIC  X(11).
        10 BLKT-DTR-FISC-STA-NO             PIC  X(06).
        10 BLKT-DTR-MGR-RESR-REF-NO         PIC  X(15).
        10 BLKT-DTR-EOR                     PIC  X(04).
        10 BLKT-DTR-COST-CEN-MGR            PIC  X(06).
        10 BLKT-DTR-LBR-PAY-PD-NO           PIC  X(14).
        10 BLKT-DTR-JV-NO                   PIC  X(06).
        10 BLKT-DTR-AMD-NO                  PIC  X(02).
        10 BLKT-DTR-PROG-REF-NO             PIC  X(14).
        10 BLKT-DTR-QTRLY-CD                PIC  X(01).
        10 BLKT-DTR-QTY                     PIC S9(09).
        10 BLKT-DTR-HRS                     PIC S9(06)V99.
        10 BLKT-DTR-DEOBLG-PY-CD            PIC  X(01).
        10 BLKT-DTR-DOV-NO                  PIC  X(06).
        10 BLKT-DTR-COLL-VOU-NO             PIC  X(06).
        10 BLKT-DTR-DISB-FIN-PRT-CD         PIC  X(01).
```

Appendix B--Continued

SOMA BLOCK TICKET--Continued

```
        10 BLKT-DTR-DISB-COUNTRY-CD          PIC  X(02).
        10 BLKT-DTR-REC-REF-NO               PIC  X(18).
        10 BLKT-DTR-BILL-NO                  PIC  X(06).
        10 BLKT-DTR-JO-NO                    PIC  X(06).
        10 BLKT-DTR-COMT-REF-NO              PIC  X(14).
        10 BLKT-DTR-OBLG-REF-NO              PIC  X(18).
        10 BLKT-DTR-OBLG-TY-CD               PIC  X(01).
        10 BLKT-DTR-REIMB-SRC-CD             PIC  X(03).
        10 BLKT-DTR-ACT-AMT-1                PIC S9(10)V99.
        10 BLKT-DTR-ACT-AMT-2                PIC S9(10)V99.
        10 BLKT-DTR-WI-FED-GOVT-CD           PIC  X(01).
        10 BLKT-DTR-PROG-CUST-ORD-NO         PIC  X(14).
        10 BLKT-DTR-DOCU-DT                  PIC  X(08).
        10 BLKT-DTR-MISC-ADD-COST-CD         PIC  X(01).
        10 BLKT-DTR-TY-FIN-CD                PIC  X(01).
        10 BLKT-DTR-SUB-JO-NO                PIC  X(08).
        10 BLKT-DTR-IFS-DOCU-NO              PIC  X(18).
        10 BLKT-DTR-HRS-TY-CD                PIC  X(02).
        10 BLKT-DTR-REIMB-CUST-ORD-NO        PIC  X(15).
        10 BLKT-DTR-PROD-IND                 PIC  X(01).
        10 BLKT-DTR-CLIN                     PIC  X(06).
        10 BLKT-DTR-ACRN                     PIC  X(02).
        10 BLKT-DTR-PROJ-ACCT                PIC  X(03).
        10 BLKT-DTR-CUST-ORD-TY              PIC  X(02).
        10 FILLER                            PIC  X(24).
    05  BLKT-BLK-TIKT-TRNS-CNTL-AREA.
        10 BLKT-TRNS-ENTRY-DT                PIC  X(08).
        10 BLKT-TRNS-ENTRY-TIME              PIC  X(06).
        10 BLKT-TRNS-ENTRY-OPER-ID           PIC  X(06).
        10 BLKT-TRNS-RE-ENTRY-DT             PIC  X(08).
        10 BLKT-TRNS-LST-PROC-DT             PIC  X(08).
        10 BLKT-TRNS-TO-BE-PROC-IND          PIC  X(01).
            88 BLKT-PROC-BTCH-ONLY               VALUE 'B'.
            88 BLKT-PROC-CASH-FLOW               VALUE 'C'.
            88 BLKT-PROC-DTR-ONLY                VALUE 'D'.
            88 BLKT-LBR-CORRECTION               VALUE 'L'.
            88 BLKT-PROC-COMPLETED               VALUE 'P'.
            88 BLKT-REJECTED-TRANS               VALUE 'R'.
            88 BLKT-YREND-REBUILD                VALUE 'Y'
    05  BLKT-BLK-TIKT-REJ-AREA.
        10 BLKT-REJ-CD                       PIC  X(03).
        10 BLKT-REJ-CNTRL.
            15  BLKT-REJ-CNTRL-JDT           PIC  9(03).
            15  BLKT-REJ-CNTRL-NO            PIC  9(05).
        10 BLKT-REJ-ACT-CD                   PIC  X(01).
```

Appendix B--Continued

SOMA COST CENTER MANAGER VALIDATION
RECORD LENGTH = 10, KEY LENGTH = 7

```
01  CCM-VALIDATION-RECORD.
      05  CCMV-KEY.
            10  CCMV-CMD-DSG                PIC X(01).
            10  CCMV-CCM                    PIC X(06).
      05  FILLER                            PIC X(02).
      05  CCMV-IFS-APPL                     PIC X(01).
```

Appendix B--Continued

SOMA DISTRIBUTION
RECORD LENGTHS = 66, KEY LENGTHS = 38

827 BOR SOURCE CODE RECORD

```
01  BOR-SRC-CD-HDR-RECORD.
      05  BOR-SRC-CD-HDR-KEY.
            10  SRC-HDR-TRANS                  PIC X(03) VALUE '827'.
            10  SRC-HDR-CMD-DSG                PIC X(01).
            10  SRC-HDR-SRC-CD                 PIC X(03).
            10  FILLER                         PIC X(31).
      05  SRC-TOT-PCT                          PIC 9(1)V999.
      05  FILLER                               PIC X(24).


01  BOR-SRC-CD-DTL-RECORD.
      05  BOR-SRC-CD-DTL-KEY.
            10  SRC-DTL-TRANS                  PIC X(03) VALUE '827'.
            10  SRC-DTL-CMD-DSG                PIC X(01).
            10  SRC-DTL-SRC-CD                 PIC X(03).
            10  SRC-MGR-RESR-RES-NO            PIC X(15).
            10  SRC-EOR                        PIC X(04).
            10  SRC-OFST-JO-NO                 PIC X(06).
            10  SRC-REIMB-JO-NO                PIC X(06).
      05  SRC-RESR-CCM                         PIC X(06).
      05  SRC-PCT                              PIC 9(01)V999.
      05  SRC-AMS-CD                           PIC X(11).
      05  SRC-HRLY-RT                          PIC 9(04)V99.
      05  FILLER                               PIC X(01).
```

838 COST DISTRIBUTION RECORD

```
01  COST-DIST-HDR-RECORD.
      05  COST-DIST-HDR-KEY.
            10  COST-HDR-TRANS                 PIC X(03) VALUE '838'.
            10  COST-HDR-CMD-DSG               PIC X(01).
            10  COST-HDR-COLL-JO-NO            PIC X(06).
            10  COST-HDR-COLL-SUB-JO-NO        PIC X(08).
            10  FILLER                         PIC X(20).
      05  COST-TOT-PCT                         PIC 9(01)V9999.
      05  FILLER                               PIC X(23).
```

Appendix B--Continued

SOMA DISTRIBUTION--Continued

```
01  COST-DIST-DTL-RECORD.
    05  COST-DIST-DTL-KEY.
        10  COST-DTL-TRANS                PIC X(03) VALUE '838'.
        10  COST-DTL-CMD-DSG              PIC X(01).
        10  COST-DTL-COLL-JO-NO           PIC X(06).
        10  COST-DTL-COLL-SUB-JO-NO       PIC X(08).
        10  COST-DTL-DIST-JO-NO           PIC X(06).
        10  COST-DTL-DIST-SUB-JO-NO       PIC X(08).
        10  FILLER                        PIC X(06).
    05  COST-PCT                          PIC 9(01)V9999.
    05  FILLER                            PIC X(23).
```

Appendix B--Continued

SOMA DISBURSING OFFICER VOUCHER NUMBER TABLE
RECORD LENGTH = 48, KEY LENGTH = 6

```
01  DOV-NO-RECORD.
    05  DOV-NO-KEY.
        10  DOV-CMD-DSG                    PIC X(01).
        10  DOV-BILL-NO                    PIC X(05).
    05  DOV-TOT-BILL-AMT                   PIC S9(11)V99.
    05  DOV-NO                             PIC X(06).
    05  DOV-DT                             PIC X(08).
    05  DOV-BLK-TKT-NO                     PIC X(07).
    05  DOV-BLK-TKT-DT                     PIC X(08).
```

Appendix B--Continued

*SOMA EARMARK
RECORD LENGTH = 167, KEY LENGTH = 77

```
01  SOMAEARM-RECORD.
    05  SOMAEARM-REC-KEY.
        10 EARM-DSSN                        PIC  X(04).
        10 EARM-VOUCHER-NUM                 PIC  X(06).
        10 EARM-AUTH-REQ-NUM                PIC  X(18).
        10 EARM-ULOM-KEY.
            15 EARM-CONTRACT-NO.
                20 EARM-PIIN                PIC  X(13).
                20 EARM-SPIIN               PIC  X(04).
            15 EARM-ACRN                    PIC  X(02).
            15 EARM-CLIN-SLIN               PIC  X(06).
            15 EARM-SEQ-NO                  PIC  9(06).
        10 EARM-ARN-DETAIL.
            15 EARM-DODAAC                  PIC  X(06).
            15 EARM-JULIAN-DATE             PIC  X(07).
            15 EARM-SEQUENTIAL-NUMBER       PIC  X(04).
            15 EARM-INVOICE-TYPE            PIC  X(01).
    05  EARM-EAR-MARK                       PIC S9(13)V99.
    05  EARM-DISB                           PIC S9(13)V99.
    05  EARM-OSTD-EAR-MARK                  PIC S9(13)V99.
    05  EARM-PP-EAR-MARK                    PIC S9(13)V99.
    05  EARM-PROG-PAY                       PIC S9(13)V99.
    05  EARM-OSTD-PP-EAR-MARK               PIC S9(13)V99.
```

Appendix B--Continued

SOMA FILE MAINTENANCE
RECORD LENGTH = 326, KEY LENGTH = 26

```
01  FMNT-RECORD.
    05  FMNT-KEY.
        10  FMNT-CMD-DSG              PIC X(01).
        10  FMNT-TRNS-CD              PIC X(03).
        10  FMNT-DATE                 PIC X(08).
        10  FMNT-TIME                 PIC X(08).
        10  FMNT-USER                 PIC X(06).
    05  FMNT-TRANS-IMAGE              PIC X(300
```

Appendix B--Continued

*SOMA GENERAL LEDGER ACCOUNTING CLASS
RECORD LENGTH = 52, KEY LENGTH = 6

```
01  GLAC-RECORD.
    05  GLAC-KEY                        PIC  X(06).
    05  GLAC-DR-CR-CD                   PIC  X(01).
    05  GLAC-NOMEN                      PIC  X(45).
```

Appendix B--Continued

SOMA INTEGRATED FACILITIES SYSTEM DOCUMENT
RECORD LENGTH = 32, KEY LENGTH = 18

```
01  WS-IFSD-RECORD.
    05  IFSD-KEY.
        10  IFSD-IFS-DOCU-NO            PIC X(18).
    05  IFSD-CMD-DSG                    PIC X(01).
    05  IFSD-JO-NO                      PIC X(06).
    05  IFSD-SUB-JO-NO                  PIC X(04).
    05  IFSD-WORK-STAT                  PIC X(03).
```

Appendix B--Continued

SOMA LABOR COST CENTER
RECORD LENGTH = 250, KEY LENGTH = 7

```
01  LBR-CCM-RECORD.
      05 LBR-CCM-KEY.
            10 CMD-DSG                            PIC X(01).
            10 COST-CEN-MGR                       PIC X(06).
      05 LBR-CCM-REST-OF-RECORD.
            10 DAILY-IND                          PIC X(01).
            10 AVG-RAT-IND                        PIC X(01).
            10 AVG-RAT-MANL-IND                   PIC X(01).
            10 VAR-JO-NO                          PIC X(06).
            10 VAR-SUB-JO-NO                      PIC X(08).
            10 VAR-CCM                            PIC X(06).
            10 VAR-LV-JO-NO                       PIC X(06).
            10 VAR-LV-SUB-JO-NO                   PIC X(08).
            10 VAR-LV-CCM                         PIC X(06).
            10 VAR-CASH-AWD-JO-NO                 PIC X(06).
            10 VAR-CASH-AWD-SUB-JO-NO             PIC X(08).
            10 VAR-CASH-AWD-CCM                   PIC X(06).
            10 IFS-APPL-IND                       PIC X(01).
            10 IFS-VAR-DOCU-NO                    PIC X(18).
            10 IFS-VAR-LV-DOCU-NO                 PIC X(18).
            10 IFS-VAR-CASH-AWD-DOCU-NO           PIC X(18).
            10 OFST-EQUIP-JO-NO                   PIC X(06).
            10 OFST-EQUIP-SUB-JO-NO               PIC X(08).
            10 IFS-OFST-EQUIP-DOCU-NO             PIC X(18).
            10 OFST-EQUIP-CCM                     PIC X(06).
            10 IFS-OFST-MAT-JO-NO                 PIC X(06).
            10 IFS-OFST-MAT-SUB-JO-NO             PIC X(08).
            10 IFS-OFST-MAT-DOCU-NO               PIC X(18).
            10 IFS-OFST-MAT-CCM                   PIC X(06).
            10 IFS-SVC-ORD-MAT-RAT                PIC 9(2)V99.
            10 AVG-HRLY-RAT                       PIC 9(3)V99.
            10 AVG-OT-RAT                         PIC 9(3)V99.
            10 AVG-FICA-RAT                       PIC 9(3)V99.
            10 AVG-FEGLI-RAT                      PIC 9(3)V99.
            10 AVG-FEHB-RAT                       PIC 9(3)V99.
            10 AVG-MDCR-RAT                       PIC 9(3)V99.
            10 AVG-CSRS-RAT                       PIC 9(3)V99.
            10 AVG-FERS-RAT                       PIC 9(3)V99.
            10 AVG-TSP-RAT                        PIC 9(3)V99.
```

Appendix B--Continued

SOMA LABOR DETAIL
RECORD LENGTHS = 200, KEY LENGTHS = 18

```
01  LBRD-HDR-RECORD.
      05  LBRD-HDR-KEY.
          10  HDR-SSAN                        PIC  X(009).
          10  FILLER                          PIC  X(009) VALUE '000000000'.
      05  CMD-DSG                             PIC  X(001).
      05  PR-CON-NO                           PIC  X(002).
      05  NAME                                PIC  X(027).
      05  RANK                                PIC  X(002).
      05  TOT-RECS                            PIC  S9(006) VALUE ZERO.
      05  FILLER                              PIC  X(144).


01  LBRD-DTL-RECORD.
      05  LBRD-DTL-KEY.
          10  DTL-SSAN                        PIC  X(009).
          10  DTL-YREND-ACCRU-IND             PIC  X(001).
              88  DTL-YREND-ACCRU-REC             VALUE '1'.
              88  DTL-NON-YREND-ACCRU-REC         VALUE '2'.
          10  DTL-TY-HRS-KEY                  PIC  X(002).
          10  DTL-SEQ-NO                      PIC  9(006).
      05  DTL-PAY-PD-END-DT                   PIC  X(008).
      05  DTL-DOCU-DT                         PIC  X(008).
      05  DTL-ASSIGNED-CCM                    PIC  X(006).
      05  DTL-REPORTING-CCM                   PIC  X(006).
      05  DTL-JO-NO                           PIC  X(006).
      05  DTL-TY-HRS                          PIC  X(002).
      05  DTL-EOR                             PIC  X(004).
      05  DTL-HRS                             PIC  S9(006)V99.
      05  DTL-AMT                             PIC  S9(011)V99.
      05  DTL-UNITS                           PIC  S9(005).
      05  DTL-MGR-RESR-REF-NO                 PIC  X(015).
      05  DTL-LBR-PROC-CD                     PIC  X(001).
      05  DTL-LBR-TRAN-CD                     PIC  X(003).
      05  DTL-REPT-PROC-CD                    PIC  X(001).
      05  DTL-COMT-REF-NO                     PIC  X(014).
      05  DTL-OBLG-REF-NO                     PIC  X(018).
      05  DTL-PAY-PD-NO                       PIC  X(014).
      05  DTL-COUNTRY-CD                      PIC  X(002).
      05  DTL-SUB-JO-NO                       PIC  X(008).
      05  DTL-IFS-DOCU-NO                     PIC  X(018).
      05  DTL-TASK-CD                         PIC  X(005).
      05  FILLER                              PIC  X(017).
```

Appendix B--Continued

SOMA LABOR JOB ORDER
RECORD LENGTHS
      JOB ORDER LABOR RECORD = 225
      JOB ORDER DEFAULT RECORD = 16
      JOB ORDER SSAN RECORD = 16
KEY LENGTHS = 16

```
01  JO-LBR-RECORD.
    05  JO-LBR-KEY.
        10  JO-NO                         PIC X(06).
        10  FILLER                        PIC X(10).
    05  JO-CMD-DSG                        PIC X(01).
    05  JO-LBR-ACT-CD                     PIC X(01).
    05  JO-CCM                            PIC X(06).
    05  JO-MON-AMS-REPT-LVL               PIC X(11).
    05  JO-BULK-JO-NO                     PIC X(06).
    05  JO-NO-COMT-REF-NO                 PIC X(14).
    05  JO-OP-AGCY                        PIC X(02).
    05  JO-MGR-RESR-REF-NO                PIC X(15).
    05  JO-APROP-SYM                      PIC X(04).
    05  JO-ALOT                           PIC X(04).
    05  JO-REBLD-CD                       PIC X(01).
    05  JO-FRZ-CD                         PIC X(01).
    05  JO-PROG-YR-2                      PIC X(02).
    05  JO-DEPT-CD                        PIC X(02).
    05  JO-LIMIT                          PIC X(04).
    05  JO-FISC-STA-NO                    PIC X(06).
    05  JO-SUPL-ACT-CD                    PIC X(01).
    05  JO-LBR-TY-FIN-CD                  PIC X(01).
    05  JO-MGR-ACTV-CD                    PIC X(05).
    05  JO-COMD-UNQ-AMS-CD                PIC X(06).
    05  JO-COST-IND                       PIC X(01).
    05  JO-MDEP                           PIC X(04).
    05  JO-MRIS                           PIC X(03).
    05  JO-WPN-SYS-CD                     PIC X(04).
    05  JO-REIMB-SRC-CD                   PIC X(03).
    05  JO-MSN-OVHD-CD                    PIC X(02).
    05  JO-PROG-YR-4                      PIC X(04).
    05  JO-IFS-APPL-IND                   PIC X(01).
    05  JO-SITE-CD                        PIC X(02).
    05  JO-UIC                            PIC X(08).
    05  FILLER                            PIC X(84).

01  JO-DEFLT-RECORD.
    05  JO-DEFLT-KEY.
        10  JO-DEFLT-JO-NO                PIC X(6).
        10  FILLER                        PIC X(7) VALUE 'DEFAULT'.
        10  JO-COST-CEN-MGR               PIC X(2).
        10  FILLER                        PIC X(1).
```

Appendix B--Continued

SOMA LABOR JOB ORDER--Continued

```
01  JO-SSAN-RECORD.
      05  JO-SSAN-KEY.
            10  JO-SSAN-JO-NO                  PIC X(6).
            10  JO-SSAN                        PIC X(9).
            10  JO-TYPE                        PIC X(1).
```

Appendix B--Continued

SOMA MASTER ELEMENT OF RESOURCE
RECORD LENGTH = 94, KEY LENGTH = 4

```
01  MEOR-RECORD.
    05  MEOR-KEY.
        10  MEOR-EOR                          PIC X(4)
    05  MEOR- MEOR-BEGIN-YR-01                PIC X(4)
    05  MEOR- MEOR-END-YR-01                  PIC X(4)
    05  MEOR- WI-FED-GOVT-CD-01               PIC X(1)
    05  MEOR- MEOR-BEGIN-YR-02                PIC X(4)
    05  MEOR- MEOR-END-YR-02                  PIC X(4)
    05  MEOR- WI-FED-GOVT-CD-02               PIC X(1)
    05  MEOR- MEOR-BEGIN-YR-03                PIC X(4)
    05  MEOR- MEOR-END-YR-03                  PIC X(4)
    05  MEOR- WI-FED-GOVT-CD-03               PIC X(1)
    05  MEOR- MEOR-BEGIN-YR-04                PIC X(4)
    05  MEOR- MEOR-END-YR-04                  PIC X(4)
    05  MEOR- WI-FED-GOVT-CD-04               PIC X(1)
    05  MEOR- MEOR-BEGIN-YR-05                PIC X(4)
    05  MEOR- MEOR-END-YR-05                  PIC X(4)
    05  MEOR- WI-FED-GOVT-CD-05               PIC X(1)
    05  MEOR- MEOR-BEGIN-YR-06                PIC X(4)
    05  MEOR- MEOR-END-YR-06                  PIC X(4)
    05  MEOR- WI-FED-GOVT-CD-06               PIC X(1)
    05  MEOR- MEOR-BEGIN-YR-07                PIC X(4)
    05  MEOR- MEOR-END-YR-07                  PIC X(4)
    05  MEOR- WI-FED-GOVT-CD-07               PIC X(1)
    05  MEOR- MEOR-BEGIN-YR-08                PIC X(4)
    05  MEOR- MEOR-END-YR-08                  PIC X(4)
    05  MEOR- WI-FED-GOVT-CD-08               PIC X(1)
    05  MEOR- MEOR-BEGIN-YR-09                PIC X(4)
    05  MEOR- MEOR-END-YR-09                  PIC X(4)
    05  MEOR- WI-FED-GOVT-CD-09               PIC X(1)
    05  MEOR- MEOR-BEGIN-YR-10                PIC X(4)
    05  MEOR- MEOR-END-YR-10                  PIC X(4)
    05  MEOR- WI-FED-GOVT-CD-10               PIC X(1)
```

Appendix B--Continued

SOMA ARMY MANAGEMENT STRUCTURE CODE
RECORD LENGTH = 75, KEY LENGTH = 26

```
01  AMS-CODE-RECORD..
    05  AMS-CODE-KEY.
        10  AMS-DEPT-CD                      PIC X(02).
        10  AMS-PROG-YR                      PIC X(04).
        10  AMS-APROP-SYM                    PIC X(04).
        10  AMS-LIMIT                        PIC X(04).
        10  AMS-CD                           PIC X(11).
        10  AMS-USE-IND                      PIC X(01).
    05  AMS-XFER-DEPT-CD                     PIC X(02).
    05  AMS-TERM-YR                          PIC X(04).
    05  AMS-BLIN-SER-NO                      PIC X(03).
    05  AMS-STD-STDY-NO                      PIC X(06).
    05  FILLER                               PIC X(18).
    05  AMS-112-PT-1-1                       PIC X(01).
    05  AMS-112-PT-3-8                       PIC X(01).
    05  AMS-11-1B-1C-ZB                      PIC X(01).
    05  AMS-1D-1J-1K-1P                      PIC X(01).
    05  AMS-1S-1V-16-17-18-19                PIC X(01).
    05  AMS-37                               PIC X(01).
    05  AMS-38                               PIC X(01).
    05  AMS-ZE                               PIC X(01).
    05  AMS-33                               PIC X(01).
    05  AMS-26                               PIC X(01).
    05  AMS-44-45                            PIC X(01).
    05  AMS-ZG-ZH                            PIC X(01).
    05  AMS-302-SELF                         PIC X(01).
    05  AMS-302-OTHER                        PIC X(01).
    05  AMS-304                              PIC X(01).
    05  AMS-1061                             PIC X(01).
```

Appendix B--Continued

SOMA RATE
RECORD LENGTHS = 250, KEY LENGTHS = 15

809 EQUIPMENT CODE RECORD

```
01  EQUIP-CD-RECORD
      05  EQUIP-CD-KEY.
            10  EC-TRANS                    PIC X(003) VALUE '809'.
            10  EC-CMD-DSG                  PIC X(001).
            10  EC-EQUIP-CD                 PIC X(003).
            10  FILLER                      PIC X(008) VALUE SPACE.
      05  EC-RAT                            PIC 9(2)V99.
      05  FILLER                            PIC X(231).
```

813 BILLING RATE RECORD

```
01  BILL-RATE-RECORD.
      05  BILL-RATE-KEY.
            10  BRAT-TRANS                  PIC X(003) VALUE '813'.
            10  BRAT-CMD-DSG                PIC X(001).
            10  FILLER                      PIC X(011) VALUE SPACE.
      05  BRAT-LV-HOL-PCT                   PIC V9(4).
      05  BRAT-FND-CIV-RETRMNT-PCT          PIC V9(4).
      05  BRAT-HEALTH-INS-PCT               PIC V9(4).
      05  BRAT-MDCR-PCT                     PIC V9(4).
      05  BRAT-OTH-BENE-PCT                 PIC V9(4).
      05  BRAT-UNFND-CIV-RETRMNT-PCT        PIC V9(4).
      05  BRAT-MIL-LV-HOL-ENL-PCT           PIC V9(4).
      05  BRAT-MIL-LV-HOL-OFC-PCT           PIC V9(4).
      05  BRAT-MIL-OTH-BENE-ENL-PCT         PIC V9(4).
      05  BRAT-MIL-OTH-BENE-OFC-PCT         PIC V9(4).
      05  BRAT-UNFND-MIL-LBR-PCT            PIC V9(4).
      05  BRAT-AST-USE-PCT                  PIC V9(4).
      05  BRAT-UML-MIL-LBR-ENL-PCT          PIC V9(4).
      05  BRAT-UML-OTH-BENE-PCT             PIC V9(4).
      05  BRAT-UML-MIL-LBR-OFC-PCT          PIC V9(4).
      05  FILLER                            PIC X(175) VALUE SPACE.
```

Appendix B--Continued

SOMA RATE--Continued

814 OVERHEAD DISTRIBUTION RECORD

```
01  OVERHEAD-DIST-RECORD.
      05  OVHD-DIST-KEY
          10  OVHD-TRANS                  PIC X(003) VALUE '814'.
          10  OVHD-CMD-DSG                PIC X(001).
          10  OVHD-MSN-CD                 PIC X(002).
          10  OVHD-CCM                    PIC X(006).
          10  FILLER                      PIC X(003).
      05  OVHD-REC OCCURS 7 TIMES.
          10  OVHD-TY                     PIC X(002).
          10  OVHD-RAT                    PIC 9(3)V99.
          10  OVHD-DIR-JO-OFST            PIC X(006).
          10  OVHD-APPL-TY                PIC X(001).
          10  OVHD-COST-IND               PIC X(001).
      05  FILLER                          PIC X(130).
```

825 AMCISS RATE RECORD

```
01  DLR-CRED-PCT-RECORD.
      05  DLR-CRED-PCT-KEY.
          10  DLR-CRED-PCT-TRANS          PIC X(003) VALUE '825'.
          10  DLR-CRED-PCT-MAT-CAT        PIC X(001).
          10  FILLER                      PIC X(011) VALUE SPACE.
      05  DLR-CRED-PCT-SVC                PIC 9(1)V99.
      05  DLR-CRED-PCT-UNSVC              PIC 9(1)V99.
      05  FILLER                          PIC X(229) VALUE SPACE.
```

826 BOR STANDARD RATE RECORD

```
01  BOR-STD-RATE-RECORD.
      05  BOR-STD-RATE-KEY.
          10  BOR-TRANS                   PIC X(003) VALUE '826'.
          10  BOR-CMD-DSG                 PIC X(001).
          10  BOR-CCM                     PIC X(002).
          10  FILLER                      PIC X(009) VALUE SPACE.
      05  BOR-STD-RAT                     PIC 9(2)V99.
      05  FILLER                          PIC X(231) VALUE SPACE.
```

Appendix B--Continued

SOMA RATE--Continued

828 LEAVE ACCRUAL RECORD

```
01  LEAVE-ACCRUAL-RECORD.
      05  LV-ACCR-KEY.
            10  LV-ACCR-TRANS              PIC X(003) VALUE '828'.
            10  LV-ACCR-CMD-DSG            PIC X(001).
            10  LV-ACCR-CCM               PIC X(006).
            10  FILLER                    PIC X(005) VALUE SPACE.
      05  LV-ACCR-PCT                     PIC V999.
      05  LV-ACCR-FB-PCT                  PIC V999.
      05  LV-ACCR-OFST-JO-NO              PIC X(006).
      05  LV-ACCR-COMT-REF-NO             PIC X(014).
      05  FILLER                          PIC X(209) VALUE SPACE.
```

Appendix B--Continued

SOMA REPORT
*RECORD LENGTH = 81, KEY LENGTH = 63

```
01  REPT-RECORD.
    05  REPT-KEY.
        10  REPT-DEPT                    PIC X(02).
        10  REPT-FISC-YR                 PIC X(01).
        10  REPT-APROP-SYM               PIC X(04).
        10  REPT-LIMIT                   PIC X(04).
        10  REPT-PROG-YR                 PIC X(01).
        10  REPT-OP-AGCY                 PIC X(02).
*       10  REPT-ASN                     PIC X(04).
        10  REPT-AMS-CD                  PIC X(11).
        10  REPT-EOR                     PIC X(04).
        10 REPT-FSN                      PIC X(05).
        10 REPT-ACCTS-OFC                PIC X(02).
        10 REPT-UIC                      PIC X(06).
        10 REPT-WI-GOVT-CD               PIC X(01).
        10 REPT-FCA.
            15 REPT-MDEP                  PIC X(04).
            15 FILLER                     PIC X(01).
        10 REPT-REIMB-SRC-CD             PIC X(03).
        10 REPT-CUST-ORD-TY              PIC X(02).
        10 REPT-AUD-IND                  PIC X(01).
        10 REPT-AGE-CD                   PIC X(01).
        10 REPT-SRC-OF-FUNDS             PIC X(01).
        10 REPT-TRC                      PIC X(02).
        10 REPT-SYSTEM-ID                PIC X(01).
    05  REPT-AMOUNT                      PIC S9(12)V99.
    05  REPT-COUNT                       PIC 9(04).
```

Appendix B--Continued

SOMA STANDARD ELEMENT OF RESOURCE
RECORD LENGTH = 12, KEY LENGTH = 8

```
01  EOR-STN-RECORD.
    05  EOR-STN-TABLE-DATA.
        10  EOR-STN-KEY.
            15  EOR-STN-WORK-SCHED          PIC X(01).
            15  EOR-STN-TEMP-POS-CD         PIC X(01).
            15  EOR-STN-CIVILIAN-TY         PIC X(03).
            15  EOR-STN-EMPLOY-TYPE-CD      PIC X(01).
            15  EOR-STN-TY-HRS              PIC X(02).
        10  EOR-STN-EOR                     PIC X(04).
```

Appendix B--Continued

SOMA TABLES
RECORD LENGTHS = 189, KEY LENGTHS = 30

FCA RECORD

```
01  FCA-RECORD.
      05  FCA-KEY.
            10  FCA-TRANS                    PIC X(003) VALUE 'FCA'
            10  FCA-CD                       PIC X(005).
            10  FILLER                       PIC X(022) VALUE SPACE.
      05  FCA-BEGIN-YR                       PIC X(004).
      05  FCA-END-YR                         PIC X(004).
      05  FILLER                             PIC X(151) VALUE SPACE.
```

803 APROPRIATION ALOTMENT SERIAL NUMBER RECORD

```
01  APROP-ASN-RECORD.
      05  APROP-ASN-KEY.
            10  AA-TRANS                     PIC X(003) VALUE '803'.
            10  AA-APROP                     PIC X(004).
            10  AA-LIMIT                     PIC X(004).
            10  AA-OP-AGCY                   PIC X(002).
            10  AA-ASN                       PIC X(004).
            10  AA-FSN                       PIC X(006).
            10  FILLER                       PIC X(007).
      05  AA-CMD-DSG                         PIC X(001).
      05  AA-EXPR-YR                         PIC X(004).
      05  FILLER                             PIC X(154).
```

804 MDEP RECORD

```
01  MDEP-RECORD.
      05  MDEP-KEY.
            10  MDEP-TRANS                   PIC X(003) VALUE '804'
            10  MDEP                         PIC X(004).
            10  FILLER                       PIC X(023) VALUE SPACE.
      05  MDEP-BEGIN-YR                      PIC X(004).
      05  MDEP-END-YR                        PIC X(004).
      05  FILLER                             PIC X(151) VALUE SPACE.
```

Appendix B--Continued

SOMA TABLES-Continued

806 DSSN RECORD

```
01  DSSN-RECORD.
     05  DSSN-KEY.
          10  DSSN-TRANS                    PIC X(003) VALUE '806'.
          10  DSSN                          PIC X(004).
          10  FILLER                        PIC X(023) VALUE SPACE.
     05  DSSN-BEGIN-YR                       PIC X(004).
     05  DSSN-END-YR                         PIC X(004).
     05  FILLER                              PIC X(151) VALUE SPACE.
```

815 CIVILIAN TYPE RECORD

```
01  CIV-TYPE-RECORD.
     05  CIV-TY-KEY.
          10  CIV-TY-TRANS                  PIC X(003) VALUE '815'.
          10  CIV-TY-CMD-DSG                PIC X(001).
          10  CIV-TYPE                      PIC X(003).
          10  FILLER                        PIC X(023).
     05  FILLER                              PIC X(159).
```

816 UIC RECORD

```
01  UIC-RECORD.
     05  UIC-KEY.
          10  UIC-TRANS                     PIC X(003) VALUE '816'.
          10  KEY-UIC                       PIC X(008).
          10  FILLER                        PIC X(019) VALUE SPACE.
     05  UIC-DPI-ATAAPS                      PIC X(002).
     05  UIC-DPI-AMCISS                      PIC X(002).
     05  UIC-DPI-IFS                         PIC X(002).
     05  FILLER                              PIC X(153) VALUE SPACE.
```

817 COUNTRY CODE RECORD

```
01  COUNTRY-CODE-RECORD.
     05  CNTRY-CD-KEY.
          10  CNTRY-TRANS                   PIC X(003) VALUE '817'.
          10  CNTRY-CD                      PIC X(002).
          10  FILLER                        PIC X(025) VALUE SPACE.
     05  CNTRY-BEGIN-YR                      PIC X(004).
     05  CNTRY-END-YR                        PIC X(004).
     05  FILLER                              PIC X(151) VALUE SPACE.
```

Appendix B--Continued

SOMA TABLES--Continued

818 REIMB SOURCE CODE RECORD

```
01  REIMB-SRC-CD-RECORD.
      05  REIMB-SRC-CD-KEY.
            10  RSC-TRANS                     PIC X(003) VALUE '818'.
            10  RSC-SRC-CD                    PIC X(003).
            10  FILLER                        PIC X(024) VALUE SPACE.
      05  RSC-BEGIN-YR                        PIC X(004).
      05  RSC-END-YR                          PIC X(004).
      05  FILLER                              PIC X(151) VALUE SPACE.
```

819 REIMBURSABLE ADDRESS RECORD

```
01  REIMB-ADRS-RECORD.
      05  REIMB-ADRS-KEY.
            10 RADD-TRANS                     PIC X(003) VALUE '819'.
            10 RADD-CMD-DSG                   PIC X(001).
            10 RADD-REIMB-ADRS                PIC X(006).
            10 FILLER                         PIC X(020) VALUE SPACE.
      05  RADD-NAME-CMD                       PIC X(025).
      05  RADD-BILL-ORG                       PIC X(025).
      05  RADD-BILL-DIV                       PIC X(025).
      05  RADD-BILL-ATTN                      PIC X(025).
      05  RADD-BILL-STRT-ADRS                 PIC X(025).
      05  RADD-BILL-CITY-STATE                PIC X(025).
      05  RADD-BILL-ZIP-CODE                  PIC X(009).
```

822 DCPS INTERFACE RECORD

```
01  DCPS-INTF-RECORD
      05  DCPS-INTF-KEY.
            10  DCPS-TRANS                    PIC X(003) VALUE '822'.
            10  DCPS-PAY-STA                  PIC X(006).
            10  DCPS-FSN                      PIC X(006).
            10  FILLER                        PIC X(015).
      05  DCPS-CMD-DSG-DEFLT                  PIC X(001).
      05  DCPS-SWTCH                          PIC X(001).
      05  DCPS-LOC-NAME                       PIC X(020).
      05  DCPS-PAY-PD-END-DT                  PIC X(008).
      05  DCPS-DSSN                           PIC X(004).
      05  DCPS-DOV-NO                         PIC X(006).
      05  DCPS-DOV-DT                         PIC X(008).
      05  FILLER                              PIC X(111) VALUE SPACE.
```

Appendix B--Continued

SOMA TABLES--Continued

824 STANDARD LABOR DEFAULT JOB ORDER RECORD

```
01  DEFLT-JO-RECORD.
    05  DEFLT-JO-KEY.
        10 DEFLT-JO-TRANS                  PIC X(003) VALUE '824'.
        10 DEFLT-JO-CMD-DSG                PIC X(001).
        10 DEFLT-CCM-KEY                   PIC X(002).
        10 FILLER                          PIC X(024) VALUE SPACE.
    05  DEFLT-JO-CCM                       PIC X(006).
    05  DEFLT-JO-NO                        PIC X(006).
    05  DEFLT-SUB-JO-NO                    PIC X(008).
    05  FILLER                             PIC X(139) VALUE SPACE.
```

825 DODAAC COMMAND RECORD

```
01  DODAAC-CMD-RECORD.
    05  DODAAC-CMD-KEY.
        10 DODAAC-TRANS                    PIC X(003) VALUE '825'.
        10 DODAAC-KEY                      PIC X(006).
        10 FILLER                          PIC X(021) VALUE SPACE.
    05  DODAAC-CMD-REST-OF-RECORD.
        10  DODAAC-CMD-DSG                 PIC X(001).
        10  FILLER                         PIC X(158) VALUE SPACE.
```

839 TEST RESOURCE MANAGEMENT SYSTEM NUMBER RECORD

```
01  TRMS-NO-RECORD.
    05  TRMS-NO-KEY.
        10 TRMS-TRANS                      PIC X(003) VALUE '839'.
        10 TRMS-NO                         PIC X(014).
        10 FILLER                          PIC X(013) VALUE SPACE.
    05  FILLER                             PIC X(159) VALUE SPACE.
```

863 OP-AGCY COST-CENTER-MANAGER RECORD

```
01  OP-AGCY-CCM-RECORD.
    05  OP-AGCY-CCM-KEY.
        10 OA-CCM-TRANS                    PIC X(003) VALUE '863'.
        10 OA-CCM-CMD-DSG                  PIC X(001).
        10 OA-CCM-OP-AGCY                  PIC X(002).
        10 OA-CCM-CCM                      PIC X(002).
        10 FILLER                          PIC X(022) VALUE SPACE.
    05  FILLER                             PIC X(159) VALUE SPACE.
```

Appendix B--Continued

SOMA TABLES--Continued

865 REIMBURSABLE PROJECT ACCOUNT RECORD

```
01  REIMB-PROJ-ACCT-RECORD.
     05  REIMB-PA-KEY.
          10 PA-TRANS                      PIC X(003) VALUE '865
          10 PA-CMD-DSG                     PIC X(001).
          10 PA-PROJ-ACCT                   PIC X(003).
          10 FILLER                         PIC X(023) VALUE SPACE.
     05  FILLER                             PIC X(159) VALUE SPACE.
```

Appendix B--Continued

*SOMA UNLIQUIDATED OBLIGATIONS
RECORD LENGTH = 312, KEY LENGTH = 31

```
01  SOMAULOM-HEADER-RECORD.
    05  SOMAULOM-HDR-KEY.
        10 SOMAULOM-HDR-CONTRACT-NO        PIC  X(17).
        10 SOMAULOM-HDR-ACRN               PIC  X(02).
        10 SOMAULOM-HDR-CLIN-SLIN          PIC  X(06).
        10 SOMAULOM-HDR-SEQ-NO             PIC  X(06).
    05  SOMAULOM-HDR-DETAIL-CNT            PIC  9(06).
    05  FILLER                            PIC  X(275).


01  SOMAULOM-DETAIL-RECORD.
    05  SOMAULOM-REC-KEY.
        10 ULOM-CONTR-NO.
            15 ULOM-PIIN                   PIC  X(13).
            15 ULOM-SPIIN                  PIC  X(04).
        10 ULOM-ACRN                       PIC  X(02).
        10 ULOM-CLIN-SLIN                  PIC  X(06).
        10 ULOM-SEQ-NO                     PIC  9(06).
    05  ULOM-SYSTEM-ID.
        10 FILLER                          PIC  X(02).
        10 ULOM-SYS-NAME                   PIC  X(07).
        10 ULOM-CMD-DSG                    PIC  X(01).
    05  ULOM-ACCTNG-SYS-KEY               PIC  X(83).
    05  ULOM-OBLG                         PIC  S9(13)V99.
    05  ULOM-EXPN                         PIC  S9(13)V99.
    05  ULOM-DISB                         PIC  S9(13)V99.
    05  ULOM-OSTD-PROG-PAY                PIC  S9(13)V99.
    05  ULOM-EAR-MARK                     PIC  S9(13)V99.
    05  ULOM-PP-EAR-MARK                  PIC  S9(13)V99.
    05  ULOM-OSTD-HOLDBACKS               PIC  S9(13)V99.
    05  ULOM-APROP.
        10 ULOM-DEPT-CD                    PIC  X(04).
        10 FILLER                          PIC  X(01).
        10 ULOM-FY                         PIC  X(01).
        10 ULOM-BASIC-SYMBOL               PIC  X(04).
    05  ULOM-LIMIT                        PIC  X(04).
    05  ULOM-PROG-YR                      PIC  X(01).
    05  ULOM-OP-AGCY                      PIC  X(02).
    05  ULOM-ALOT-SER-NO                  PIC  X(04).
    05  ULOM-PROG-ELE-BUD-PROJ            PIC  X(07).
    05  ULOM-EOR                          PIC  X(04).
    05  ULOM-COUNTRY-CODE                 PIC  X(02).
    05  ULOM-FISC-STA-NO                  PIC  X(06).
    05  ULOM-FISC-YEAR                    PIC  X(04).
    05  ULOM-COMMITMENT-DOC-NO            PIC  X(17).
    05  ULOM-PRON-FISC-YR                 PIC  X(01).
    05  ULOM-PRON-SER-NO                  PIC  X(05).
    05  ULOM-LST-A-MOD                    PIC  X(08).
    05  ULOM-LST-P-MOD                    PIC  X(08).
```

Appendix B--Continued

SOMA USER AUTHORITY
RECORD LENGTHS
    HDR RECORD = 014
    DTL RECORD = 289
KEY LENGTHS = 8

```
01  AUTHORITY-HDR-RECORD.
    05  AUTH-HDR-KEY.
        10  AUTH-HDR-CODE                PIC X(1)  VALUE 'H'.
        10  AUTH-HDR-CMD-DSG             PIC X(1).
        10  AUTH-HDR-USER-ID             PIC X(6).
    05  AUTH-HDR-USER-AUTH-KEY           PIC X(6).


01  AUTHORITY-DTL-RECORD.
    05  AUTH-DTL-KEY.
        10  AUTH-DTL-CODE                PIC X(1)  VALUE 'D'.
        10  AUTH-DTL-CMD-DSG             PIC X(1).
        10  AUTH-DTL-USER-AUTH-KEY       PIC X(6).
    05  AUTH-DTL-USER-ID                 PIC X(6).
    05  AUTH-DTL-FM-CD                   PIC X(1).
    05  FILLER                           PIC X(6).
    05  AUTH-DBASE-1-MSTR                PIC X(4).
    05  AUTH-DBASE-2-MSTR                PIC X(4).
    05  AUTH-DBASE-3-MSTR                PIC X(4).
    05  AUTH-DBASE-4-MSTR                PIC X(4).
    05  FILLER                           PIC X(16).
    05  AUTH-DBASE-1-SEC                 PIC X(4).
    05  AUTH-DBASE-2-SEC                 PIC X(4).
    05  AUTH-DBASE-3-SEC                 PIC X(4).
    05  AUTH-DBASE-4-SEC                 PIC X(4).
    05  FILLER                           PIC X(16).
    05  AUTH-MCK                         PIC X(3).
    05  AUTH-REJ-REPT-DIRECTOR           PIC X(1).
    05  AUTH-TRNS-CD-TBL.
        10  AUTH-CD                      PIC X(1) OCCURS 200 TIMES.
```

Appendix B--Continued

SOMA UNIQUE
RECORD LENGTHS = 400, KEY LENGTHS = 3

```
01  UNIQ-SYSTEM-RECORD.
      05  SYSTEM-KEY                          PIC X(3). VALUE '@@@'.
      05  SYS-SITE-CD                         PIC X(2).
      05  SYS-PRIOR-END-PRD-DT                PIC X(8).
      05  SYS-END-PRD-DT                      PIC X(8).
      05  SYS-CURR-FY.
          10  CURR-FY-CN                      PIC X(2).
          10  CURR-FY-YR                      PIC X(2).
      05  SYS-CAL-CENTURY                     PIC X(2).
      05  SYS-OPEN-PERIOD-CD                  PIC X(1).
      05  SYS-MON-CD                          PIC X(1).
      05  SYS-DECADE-CHG-CD                   PIC X(1).
      05  SYS-SF-1080-BILL-NO                 PIC X(6).
      05  SYS-BILL-DOV-NO                     PIC X(6).
      05  SYS-FISC-STA-NO-DEFLT               PIC X(6).
      05  SYS-CPN-DODAAC-DEFLT                PIC X(6).
      05  SYS-YR-END-REBLD-SWTCH              PIC X(1).
      05  SYS-CUM-REJ-REPT-SWTCH              PIC X(1).
      05  SYS-CCSS-INFACE-SWTCH               PIC X(1).
      05  SYS-DL-REVS-REL-SWTCH               PIC X(1).
      05  SYS-ACCRU-DA                        PIC X(2).
      05  SYS-YR-END-ACCRU-DA                 PIC X(2).
      05  SYS-LBR-REBLD-DEL-CD                PIC X(1).
      05  SYS-1902-SPLT-PAY-SWTCH             PIC X(1).
      05  SYS-PRIOR-PAYRL-NO-RGSTR            PIC X(2).
      05  SYS-PAYRL-NO-RGSTR                  PIC X(2).
      05  SYS-PRIOR-PAY-PD-END-DT             PIC X(8).
      05  SYS-PAY-PD-END-DT                   PIC X(8).
      05  SYS-PAY-PD-END-DT-1                 PIC X(8).
      05  SYS-SPLIT-PAY-PD-END-DT             PIC X(8).
      05  SYS-RPT-PD-DT                       PIC X(8).
      05  SYS-MIL-BASE-HRS-JAN                PIC 9(3).
      05  SYS-MIL-BASE-HRS-FEB                PIC 9(3).
      05  SYS-MIL-BASE-HRS-MAR                PIC 9(3).
      05  SYS-MIL-BASE-HRS-APR                PIC 9(3).
      05  SYS-MIL-BASE-HRS-MAY                PIC 9(3).
      05  SYS-MIL-BASE-HRS-JUN                PIC 9(3).
      05  SYS-MIL-BASE-HRS-JUL                PIC 9(3).
      05  SYS-MIL-BASE-HRS-AUG                PIC 9(3).
      05  SYS-MIL-BASE-HRS-SEP                PIC 9(3).
      05  SYS-MIL-BASE-HRS-OCT                PIC 9(3).
      05  SYS-MIL-BASE-HRS-NOV                PIC 9(3).
      05  SYS-MIL-BASE-HRS-DEC                PIC 9(3).
      05  SYS-MIL-HRLY-RAT-10                 PIC 9(2)V99.
      05  SYS-MIL-HRLY-RAT-09                 PIC 9(2)V99.
      05  SYS-MIL-HRLY-RAT-08                 PIC 9(2)V99.
      05  SYS-MIL-HRLY-RAT-07                 PIC 9(2)V99.
      05  SYS-MIL-HRLY-RAT-06                 PIC 9(2)V99.
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Appendix B--Continued

SOMA UNIQUE--Continued

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05 SYS-MIL-HRLY-RAT-05              PIC 9(2)V99.
05 SYS-MIL-HRLY-RAT-04              PIC 9(2)V99.
05 SYS-MIL-HRLY-RAT-03              PIC 9(2)V99.
05 SYS-MIL-HRLY-RAT-02              PIC 9(2)V99.
05 SYS-MIL-HRLY-RAT-01              PIC 9(2)V99.
05 SYS-MIL-HRLY-RAT-W4              PIC 9(2)V99.
05 SYS-MIL-HRLY-RAT-W3              PIC 9(2)V99.
05 SYS-MIL-HRLY-RAT-W2              PIC 9(2)V99.
05 SYS-MIL-HRLY-RAT-W1              PIC 9(2)V99.
05 SYS-MIL-HRLY-RAT-E9              PIC 9(2)V99.
05 SYS-MIL-HRLY-RAT-E8              PIC 9(2)V99.
05 SYS-MIL-HRLY-RAT-E7              PIC 9(2)V99.
05 SYS-MIL-HRLY-RAT-E6              PIC 9(2)V99.
05 SYS-MIL-HRLY-RAT-E5              PIC 9(2)V99.
05 SYS-MIL-HRLY-RAT-E4              PIC 9(2)V99.
05 SYS-MIL-HRLY-RAT-E3              PIC 9(2)V99.
05 SYS-MIL-HRLY-RAT-E2              PIC 9(2)V99.
05 SYS-MIL-HRLY-RAT-E1              PIC 9(2)V99.
05 SYS-LBR-NGT-DIFF-PCT             PIC 9(3)V99.
05 SYS-LBR-SUN-PREM-PCT             PIC 9(3)V99.
05 SYS-LBR-HAZ-PCT-A                PIC 9(3)V99.
05 SYS-LBR-HAZ-PCT-C                PIC 9(3)V99.
05 SYS-LBR-HAZ-PCT-E                PIC 9(3)V99.
05 SYS-LBR-HAZ-PCT-F                PIC 9(3)V99.
05 SYS-LBR-HAZ-PCT-G                PIC 9(3)V99.
05 SYS-LBR-HAZ-PCT-K                PIC 9(3)V99.
05 SYS-LBR-HAZ-PCT-H                PIC 9(3)V99.
05 SYS-WG-10-STEP-2-HRLY-RAT        PIC 9(2)V99.
05 SYS-A1918-REPORT-AREA.
   10 B67AXXG424D-1918              PIC X(1).
   10 B67AXXG404D-1918              PIC X(1).
   10 B67AXXG434D-1918              PIC X(1).
   10 B67AXXG364D-1918              PIC X(1).
   10 B67AXXG354D-1918              PIC X(1).
   10 B67AXXJ014D-1918              PIC X(1).
   10 B67AXXI164D-1918              PIC X(1).
   10 B67AXXL014D-1918              PIC X(1).
05 SYS-YR-END-AMCISS-SWTCH          PIC X(1).
05 SYS-A1906-UPDATE-AREA.
   10 SOMAMSCD-1906                 PIC X(1).
   10 SOMAGLAC-1906                 PIC X(1).
   10 SOMAMEOR-1906                 PIC X(1).
   10 SOMASEOR-1906                 PIC X(1).
   10 SOMATBLS-CNTRY-CD-1906        PIC X(1).
   10 SOMATBLS-DSSN-1906            PIC X(1).
   10 SOMATBLS-FCA-CD-1906          PIC X(1).
   10 SOMATBLS-MDEP-1906            PIC X(1).
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Appendix B--Continued

SOMA UNIQUE--Continued

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        10  SOMATBLS-RSC-1906                 PIC X(1).
        10  SOMATBLS-TRMS-1906                PIC X(1).
     05  FILLER                               PIC X(096).


01  UNIQ-CMD-RECORD
     05  CMD-KEY
        10  UNIQ-CMD-DSG                      PIC X(1).
        10  FILLER                            PIC X(2).
     05  CMD-NAME                             PIC X(30).
     05  CMD-ADRS-1                           PIC X(30).
     05  CMD-ADRS-2                           PIC X(30).
     05  CMD-ADRS-3                           PIC X(30).
     05  CMD-CERT-SIGNR-1                     PIC X(30).
     05  CMD-CERT-SIGNR-2                     PIC X(30).
     05  CMD-CERT-SIGNR-3                     PIC X(30).
     05  CMD-RIC                              PIC X(3).
     05  CMD-DSSN                             PIC X(4).
     05  CMD-NONPD-LV-JO-NO                   PIC X(6).
     05  CMD-SOMABLKT-PURGE-CD                PIC X(1).
     05  CMD-COST-CEN-MGR-DEFLT-CD            PIC X(1).
     05  CMD-GRADED-OT-RAT                    PIC 9(3)V99.
     05  CMD-COMT-ACCT-CL-SWTCH               PIC X(1).
     05  CMD-COMT-PURGE-SWTCH                 PIC X(1).
     05  CMD-COPS-INFACE-SWTCH                PIC X(1).
     05  CMD-MDMS-INFACE-SWTCH                PIC X(1).
     05  CMD-MDMS-OBLG-INFACE-SWTCH           PIC X(1).
     05  CMD-MILSCAP-INFACE-SWTCH             PIC X(1).
     05  CMD-EXP-DISB-SWTCH                   PIC X(1).
     05  CMD-DISB-REL-SWTCH                   PIC X(1).
     05  CMD-ACPT-REC-SWTCH                   PIC X(1).
     05  CMD-INTFUND-DISB-SWTCH               PIC X(1).
     05  CMD-AE-TRAN-UPDT-SWTCH               PIC X(1).
     05  CMD-1925-OBLG-PURGE-SWITCHES.
        10  CMD-PURGE-MISC-SWTCH              PIC X(1).
        10  CMD-PURGE-CONTR-SWTCH             PIC X(1).
        10  CMD-PURGE-GBL-SWTCH               PIC X(1).
        10  CMD-PURGE-LBR-SWTCH               PIC X(1).
        10  CMD-PURGE-RQN-SWTCH               PIC X(1).
        10  CMD-PURGE-TVL-SWTCH               PIC X(1).
     05  CMD-CCM-VAL-SWTCH                    PIC X(1).
     05  CMD-COMT-CCM-SWTCH                   PIC X(1).
     05  CMD-SUB-JO-NO-SWTCH                  PIC X(1).
     05  CMD-A1930-REPORT-AREA.
        10  RAKHDJB01-1930                    PIC X(1).
        10  RAKHDJB02-1930                    PIC X(1).
        10  RAKHDJB03-1930                    PIC X(1).
        10  RAKHDJB04-1930                    PIC X(1).
        10  RAKHDJB05-1930                    PIC X(1).
        10  RAKHDJB06-1930                    PIC X(1).
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Appendix B--Continued

SOMA UNIQUE--Continued

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    10  RAKHDJB07-1930              PIC X(1).
    10  RAKHDJB08-1930              PIC X(1).
    10  RAKHDJB09-1930              PIC X(1).
    10  RAKHDJB10-1930              PIC X(1).
    10  RAKHDJB11-1930              PIC X(1).
    10  RAKHDJB12-1930              PIC X(1).
05  CMD-A1910-REPORT-AREA.
    10  RAKNAGF01-1910              PIC X(1).
    10  RAKNAGF02-1910              PIC X(1).
    10  RAKNAGF03-1910              PIC X(1).
05  CMD-WRITEDOWN-REPORT-AREA.
    10  DAKHALB01-1935              PIC X(1).
    10  DAKHALB01-1936              PIC X(1).
05  CMD-WRITEDOWN-PARM-AREA.
    10  COMT-PARM                   PIC S9(10)V99.
    10  ORD-PARM                    PIC S9(10)V99.
05  FILLER                          PIC X(106).
```

Appendix B--Continued

S2K FUND

PROGRAM RECORD (C0)
1* PROG-CUST-ORD-NO (KEY CHARACTER X(14) WITH MANY FUTURE OCCURRENCES):
2* PROG-CON-KEY (KEY CHARACTER X(30) WITH FEW FUTURE OCCURRENCES):
      CONTAINS OP-AGCY + 2-POS PROG-YR + APROP-SYM + LIMIT + ALOT +
                PROG-EXEC-CD + PROG)
3* CMD-DSG (NON-KEY CHARACTER X):
4* DEPT-CD (NON-KEY CHARACTER XX):
5* FISC-STA-NO (NON-KEY CHARACTER X(6)):
6* PROG-REBLD-CD (NON-KEY CHARACTER X):
7* GOA-PRON (NON-KEY CHARACTER X(12)):
8* BUD-LINE-ITEM (NON-KEY CHARACTER X(6)):
9* STD-STDY-NO (NON-KEY CHARACTER X(7)):
10* PROG-YR (NON-KEY CHARACTER X(4)):
11* PROG-COMPL-CD (NON-KEY CHARACTER X):
12* PROG-NOMEN (NON-KEY TEXT X(35)):
13* ANL-PROG-TOT-CFI (NON-KEY DECIMAL 9(13).99):
14* ANL-PROG-TOT-NM (NON-KEY DECIMAL 9(13).99):
15* ANL-PROG-DIR-CFI (NON-KEY DECIMAL 9(13).99):
16* ANL-PROG-DIR-NM (NON-KEY DECIMAL 9(13).99):
17* ANL-PROG-FND-CFI (NON-KEY DECIMAL 9(13).99):
18* ANL-PROG-FND-NM (NON-KEY DECIMAL 9(13).99):
19* ANL-PROG-AUTO-CFI (NON-KEY DECIMAL 9(13).99):
20* ANL-PROG-AUTO-NM (NON-KEY DECIMAL 9(13).99):
21* UNDISTR-ANL-PROG (NON-KEY DECIMAL 9(13).99):
22* UNDISTR-ANL-PROG-NM (NON-KEY DECIMAL 9(13).99):
23* DISTR-ANL-PROG-CFI (NON-KEY DECIMAL 9(13).99):
24* DISTR-ANL-PROG-NM (NON-KEY DECIMAL 9(13).99):
25* QTRLY-FUNDS-TOT-CFI (NON-KEY DECIMAL 9(13).99):
26* QTRLY-FUNDS-TOT-FYTD (NON-KEY DECIMAL 9(13).99):
27* QTRLY-FUNDS-TOT-NM (NON-KEY DECIMAL 9(13).99):
28* QTRLY-FUNDS-DIR-CFI (NON-KEY DECIMAL 9(13).99):
29* QTRLY-FUNDS-DIR-FYTD (NON-KEY DECIMAL 9(13).99):
30* QTRLY-FUNDS-DIR-NM (NON-KEY DECIMAL 9(13).99):
31* QTRLY-FUNDS-FND-CFI (NON-KEY DECIMAL 9(13).99):
32* QTRLY-FUNDS-FND-FYTD (NON-KEY DECIMAL 9(13).99):
33* QTRLY-FUNDS-FND-NM (NON-KEY DECIMAL 9(13).99):
34* QTRLY-FUNDS-AUTO-CFI (NON-KEY DECIMAL 9(13).99):
35* QTRLY-FUNDS-AUTO-FYTD (NON-KEY DECIMAL 9(13).99):
36* QTRLY-FUNDS-AUTO-NM (NON-KEY DECIMAL 9(13).99):
37* UNDISTR-QTRLY-FUNDS (NON-KEY DECIMAL 9(13).99):
38* UNDISTR-QTRLY-FUNDS-NM (NON-KEY DECIMAL 9(13).99):
39* DISTR-QTRLY-FUNDS-CFI (NON-KEY DECIMAL 9(13).99):
40* DISTR-QTRLY-FUNDS-FYTD (NON-KEY DECIMAL 9(13).99):
41* DISTR-QTRLY-FUNDS-NM (NON-KEY DECIMAL 9(13).99):
42* UNCOMT-FUNDS (NON-KEY DECIMAL 9(13).99):
43* UNCOMT-FUNDS-NM (NON-KEY DECIMAL 9(13).99):
44* PROG-COMT-CFI (NON-KEY DECIMAL 9(13).99):
45* PROG-COMT-NM (NON-KEY DECIMAL 9(13).99):
46* PROG-OBLG-CFI (NON-KEY DECIMAL 9(13).99):
47* PROG-OBLG-NM (NON-KEY DECIMAL 9(13).99):
48* PROG-FUNDS-UNOBLG-BEG-FY (NON-KEY DECIMAL 9(13).99):
49* PROG-SYS-DT-LST (NON-KEY DATE):

Appendix B--Continued

S2K FUND--Continued

200* FC-OBLG-FCST-RECORD (SR):
201* OBLG-FCST-OCT (NON-KEY DECIMAL 9(12).99) IN 200):
202* OBLG-ACT-OCT (NON-KEY DECIMAL 9(12).99) IN 200):
203* OBLG-FCST-NOV (NON-KEY DECIMAL 9(12).99) IN 200):
204* OBLG-ACT-NOV (NON-KEY DECIMAL 9(12).99) IN 200):
205* OBLG-FCST-DEC (NON-KEY DECIMAL 9(12).99) IN 200):
206* OBLG-ACT-DEC (NON-KEY DECIMAL 9(12).99) IN 200):
207* OBLG-FCST-JAN (NON-KEY DECIMAL 9(12).99) IN 200):
208* OBLG-ACT-JAN (NON-KEY DECIMAL 9(12).99) IN 200):
209* OBLG-FCST-FEB (NON-KEY DECIMAL 9(12).99) IN 200):
210* OBLG-ACT-FEB (NON-KEY DECIMAL 9(12).99) IN 200):
211* OBLG-FCST-MAR (NON-KEY DECIMAL 9(12).99) IN 200):
212* OBLG-ACT-MAR (NON-KEY DECIMAL 9(12).99) IN 200):
213* OBLG-FCST-APR (NON-KEY DECIMAL 9(12).99) IN 200):
214* OBLG-ACT-APR (NON-KEY DECIMAL 9(12).99) IN 200):
215* OBLG-FCST-MAY (NON-KEY DECIMAL 9(12).99) IN 200):
216* OBLG-ACT-MAY (NON-KEY DECIMAL 9(12).99) IN 200):
217* OBLG-FCST-JUN (NON-KEY DECIMAL 9(12).99) IN 200):
218* OBLG-ACT-JUN (NON-KEY DECIMAL 9(12).99) IN 200):
219* OBLG-FCST-JUL (NON-KEY DECIMAL 9(12).99) IN 200):
220* OBLG-ACT-JUL (NON-KEY DECIMAL 9(12).99) IN 200):
221* OBLG-FCST-AUG (NON-KEY DECIMAL 9(12).99) IN 200):
222* OBLG-ACT-AUG (NON-KEY DECIMAL 9(12).99) IN 200):
223* OBLG-FCST-SEP (NON-KEY DECIMAL 9(12).99) IN 200):
224* OBLG-ACT-SEP (NON-KEY DECIMAL 9(12).99) IN 200):
225* OBLG-NFCST-RSN-CD1 (NON-KEY DECIMAL 9(12).99) IN 200):
226* OBLG-NFCST-RSN-CD2 (NON-KEY DECIMAL 9(12).99) IN 200):
227* OBLG-NFCST-RSN-CD3 (NON-KEY DECIMAL 9(12).99) IN 200):
228* OBLG-NFCST-RSN-CD4 (NON-KEY DECIMAL 9(12).99) IN 200):
229* OBLG-NFCST-RSN-CD5 (NON-KEY DECIMAL 9(12).99) IN 200):
230* OBLG-NFCST-RSN-CD6 (NON-KEY DECIMAL 9(12).99) IN 200):
231* OBLG-NFCST-RSN-CD7 (NON-KEY DECIMAL 9(12).99) IN 200):
232* OBLG-NFCST-RSN-CD8 (NON-KEY DECIMAL 9(12).99) IN 200):
233* OBLG-NFCST-RSN-CD9 (NON-KEY DECIMAL 9(12).99) IN 200):
234* OBLG-NFCST-RSN-CD10 (NON-KEY DECIMAL 9(12).99) IN 200):
235* DFRD-PROG (NON-KEY DECIMAL 9(12).99) IN 200):
236* OBLG-FCST-SYS-DT-LST (NON-KEY DATE IN 200):

300* FC-MGR-PB-RESOURCE-RECORD (SR):
301* MGR-RESR-REF-NO (KEY CHARACTER X(15) IN 300):
302* PROG-BUD-RESR-REF-NO (NON-KEY CHARACTER X(15) IN 300):
303* MGR-RESR-REF-REC (NON-KEY CHARACTER X IN 300):
304* RESR-CMD-DSG (NON-KEY CHARACTER X IN 300):
305* RESR-REBLD-CD (NON-KEY CHARACTER X IN 300):
306* OP-AGCY (NON-KEY CHARACTER XX IN 300):
307* RESR-PROG-YR (NON-KEY CHARACTER X(4) IN 300):
308* APROP-SYM (NON-KEY CHARACTER X(4) IN 300):
309* LIMIT (NON-KEY CHARACTER X(4) IN 300):
310* ALOT (NON-KEY CHARACTER X(4) IN 300):
311* PROG-EXEC-CD (NON-KEY CHARACTER X IN 300):
312* AMS-CD (NON-KEY CHARACTER X(11) IN 300):
313* RESR-DEPT-CD (NON-KEY CHARACTER XX IN 300):

Appendix B--Continued

S2K FUND--Continued

314* RESR-FISC-STA-NO (NON-KEY CHARACTER X(6) IN 300):
315* LOCAL-USE-CD (NON-KEY CHARACTER X(11) IN 300):
316* RESR-COST-CEN-MGR (NON-KEY TEXT X(6) IN 300):
317* RDTE-TASK-NO (NON-KEY CHARACTER XXX IN 300):
318* WPN-SYS-CD (NON-KEY CHARACTER X(4) IN 300):
319* QTRLY-CON-CD (NON-KEY CHARACTER X IN 300):
320* RESR-TY-FIN-CD (NON-KEY CHARACTER X IN 300):
321* RESR-REIMB-CUST-ORD-NO (NON-KEY CHARACTER X(15) IN 300):
322* RESR-REIMB-SRC-CD (NON-KEY CHARACTER XXX IN 300):
323* CUST-ORD-TY (NON-KEY CHARACTER XX IN 300):
324* REIMB-PROC-CD (NON-KEY CHARACTER X IN 300):
325* BILL-TY (NON-KEY CHARACTER X IN 300):
326* FMS-COUNTRY-CD (NON-KEY CHARACTER X(2) IN 300):
327* FMS-CASE-NO (NON-KEY CHARACTER X(3) IN 300):
328* FMS-LINE-NO (NON-KEY CHARACTER X(3) IN 300):
329* RESR-EXPR-APROP-CD (NON-KEY CHARACTER X IN 300):
330* AMC-CD (NON-KEY CHARACTER X IN 300):
331* RESR-NOMEN (NON-KEY TEXT X(35) IN 300):
332* ORIG-PROG-YR (NON-KEY CHARACTER X(4) IN 300):
333* DARPA-ORD-NO (NON-KEY CHARACTER X(4) IN 300):
334* TRMS-NO (NON-KEY CHARACTER X(14) IN 300):
335* FUND-CERT-EXPR-DT (NON-KEY DATE IN 300):
336* AUTH-STR (NON-KEY INTEGER 9(5) IN 300):
337* END-STR (NON-KEY INTEGER 9(5) IN 300):
338* RESR-ANL-PROG-CFI (NON-KEY DECIMAL 9(12).99 IN 300):
339* RESR-ANL-PROG-NM (NON-KEY DECIMAL 9(12).99 IN 300):
340* RESR-UNDISTR-PROG-CFI (NON-KEY DECIMAL 9(12).99 IN 300):
341* RESR-UNDISTR-PROG-NM (NON-KEY DECIMAL 9(12).99 IN 300):
342* RESR-QTRLY-FUNDS-CFI (NON-KEY DECIMAL 9(12).99 IN 300):
343* RESR-QTRLY-FUNDS-FYTD (NON-KEY DECIMAL 9(12).99 IN 300):
344* RESR-QTRLY-FUNDS-CRM (NON-KEY DECIMAL 9(12).99 IN 300):
345* RESR-QTRLY-FUNDS-NM (NON-KEY DECIMAL 9(12).99 IN 300):
346* RESR-UNDISTR-QTRLY-FUNDS-CFI (NON-KEY DECIMAL 9(12).99 IN 300):
347* RESR-UNDISTR-QTRLY-FUNDS-NM (NON-KEY DECIMAL 9(12).99 IN 300):
348* RESR-DISTR-QTRLY-FUNDS-CFI (NON-KEY DECIMAL 9(12).99 IN 300):
349* RESR-DISTR-QTRLY-FUNDS-FYTD (NON-KEY DECIMAL 9(12).99 IN 300):
350* RESR-DISTR-QTRLY-FUNDS-NM (NON-KEY DECIMAL 9(12).99 IN 300):
351* UNCOMT-QTRLY-FUNDS-CFI (NON-KEY DECIMAL 9(12).99 IN 300):
352* UNCOMT-QTRLY-FUNDS-NM (NON-KEY DECIMAL 9(12).99 IN 300):
353* UNOBLG-FD-BEGIN-FY (NON-KEY DECIMAL 9(12).99 IN 300):
354* UNLIQ-OBLG-BEGIN-FY (NON-KEY DECIMAL 9(12).99 IN 300):
355* RESR-COMT-CFI (NON-KEY DECIMAL 9(12).99 IN 300):
356* RESR-COMT-FYTD (NON-KEY DECIMAL 9(12).99 IN 300):
357* RESR-COMT-CRM (NON-KEY DECIMAL 9(12).99 IN 300):
358* RESR-COMT-NM (NON-KEY DECIMAL 9(12).99 IN 300):
359* RESR-OBLG-CFI (NON-KEY DECIMAL 9(12).99 IN 300):
360* RESR-OBLG-FYTD (NON-KEY DECIMAL 9(12).99 IN 300):
361* RESR-OBLG-CRM (NON-KEY DECIMAL 9(12).99 IN 300):
362* RESR-OBLG-NM (NON-KEY DECIMAL 9(12).99 IN 300):
363* RESR-EXP-CFI (NON-KEY DECIMAL 9(12).99 IN 300):
364* RESR-EXP-FYTD (NON-KEY DECIMAL 9(12).99 IN 300):
365* RESR-EXP-CRM (NON-KEY DECIMAL 9(12).99 IN 300):
366* RESR-EXP-NM (NON-KEY DECIMAL 9(12).99 IN 300):

Appendix B--Continued

S2K FUND--Continued

367* RESR-DISB-CFI (NON-KEY DECIMAL 9(12).99) IN 300):
368* RESR-DISB-FYTD (NON-KEY DECIMAL 9(12).99) IN 300):
369* RESR-DISB-CRM (NON-KEY DECIMAL 9(12).99) IN 300):
370* RESR-DISB-NM (NON-KEY DECIMAL 9(12).99) IN 300):
371* RESR-RET-CFI (NON-KEY DECIMAL 9(12).99) IN 300):
372* RESR-HRS-CFI (NON-KEY DECIMAL 9(6).99 IN 300):
373* RESR-HRS-CRM (NON-KEY DECIMAL 9(6).99 IN 300):
374* RESR-HRS-NM (NON-KEY DECIMAL 9(6).99 IN 300):
375* FMS-SAAC-TRF (NON-KEY DECIMAL 9(12).99) IN 300):
376* RESR-SYS-DT-LST (NON-KEY DATE IN 300):

500* FC-JOB-ORDER-RECORD (SR IN 300):
501* JO-NO (KEY CHARACTER X(6) IN 500):
502* JO-REBLD-CD (NON-KEY CHARACTER X IN 500):
503* BULK-JO-CD (NON-KEY CHARACTER X IN 500):
504* JO-MDEP (NON-KEY CHARACTER X(4) IN 500):
505* JO-FCA-CD (NON-KEY CHARACTER X(5) IN 500):
506* JO-MRIS (NON-KEY CHARACTER XXX IN 500):
507* JO-COST-CEN-MGR (NON-KEY TEXT X(6) IN 500):
508* JO-MON-AMS-REPT-LVL (NON-KEY CHARACTER X(11) IN 500):
509* MGR-ACTV-CD (NON-KEY CHARACTER X(5) IN 500):
510* COMD-UNQ-AMS-CD (NON-KEY CHARACTER X(6) IN 500):
511* JO-WPN-SYS-CD (NON-KEY CHARACTER X(4) IN 500):
512* MSN-OVHD-CD (NON-KEY CHARACTER XX IN 500):
513* COST-IND (NON-KEY CHARACTER X IN 500):
514* BULK-JO-NO (NON-KEY CHARACTER X(6) IN 500):
515* JO-COMT-REF-NO (NON-KEY CHARACTER X(14) IN 500):
516* JO-COMT-RET-CFI (NON-KEY DECIMAL 9(12).99 IN 500):
517* JO-LST-ACT-DT (NON-KEY DATE IN 500):
518* SB-JO-NO (NON-KEY CHARACTER X(6) IN 500):
519* JO-TY-FIN-CD (NON-KEY CHARACTER X IN 500):
520* UIC (NON-KEY CHARACTER X(8) IN 500):
521* FRZ-CD (NON-KEY CHARACTER X IN 500):
522* FRZ-RSN-CD (NON-KEY CHARACTER X IN 500):
523* DECOMT-JO-NO (NON-KEY CHARACTER X(6) IN 500):
524* JO-NOMEN (NON-KEY TEXT X(35) IN 500):
525* DIR-JO-NO-OFFSET (NON-KEY CHARACTER X(6) IN 500):
526* FMS-ADD-ON-CD (NON-KEY CHARACTER X IN 500):
527* IFS-APPL-IND (NON-KEY CHARACTER X IN 500):
528* BASEOPS-APPL (NON-KEY CHARACTER X IN 500):
529* LBR-ACT-CD (NON-KEY CHARACTER X IN 500):

1325* FC-ADV-PROG-RECORD (SR IN 500):
1326* ADV-CONCAT-KEY (KEY CHARACTER X(13) IN 1325):
          (CONTAINS JO-NO + EOR + PROJ-ACCT)
1327* PROG-ADV-CFI (NON-KEY DECIMAL 9(11).99 IN 1325):
1328* PROG-ADV-FYTD (NON-KEY DECIMAL 9(11).99 IN 1325):
1329* PROG-ADV-NM (NON-KEY DECIMAL 9(11).99 IN 1325):
1330* PROG-ADV-RECOUP-CFI (NON-KEY DECIMAL 9(11).99 IN 1325):
1331* PROG-ADV-RECOUP-FYTD (NON-KEY DECIMAL 9(11).99 IN 1325):
1332* PROG-ADV-RECOUP-NM (NON-KEY DECIMAL 9(11).99 IN 1325):

Appendix B--Continued

S2K FUND--Continued

1333* PROG-ADV-W-O-FYTD (NON-KEY DECIMAL 9(11).99 IN 1325):
1334* OSTD-ADV-BEG-FY (NON-KEY DECIMAL 9(11).99 IN 1325):
1335* ADV-US-CRM (NON-KEY DECIMAL 9(11).99 IN 1325):
1336* ADV-US-NM (NON-KEY DECIMAL 9(11).99 IN 1325):
1337* ADV-OTH-CRM (NON-KEY DECIMAL 9(11).99 IN 1325):
1338* ADV-OTH-NM (NON-KEY DECIMAL 9(11).99 IN 1325):
1339* RECOUP-REC-CNTR (NON-KEY INTEGER 9(7) IN 1325):
1340* ADV-PROG-SYS-DT-LST (NON-KEY DATE IN 1325):

1350* FC-ADV-SUM RECORD (SR IN 1325):
1351* ADV-OBLG-REF-NO (NON-KEY CHARACTER X(18) IN 1350):
1352* ADV-PROJ-ACCT (NON-KEY CHARACTER XXX IN 1350):
1353* ADV-COST-CEN-MGR (NON-KEY TEXT X(6) IN 1350):
1354* DUE-DT (NON-KEY DATE IN 1350):
1355* EMPL-CD (NON-KEY CHARACTER X IN 1350):
1356* ADV-AMT (NON-KEY DECIMAL 9(11).99 IN 1350):
1357* ADV-AMT-NM (NON-KEY DECIMAL 9(11).99 IN 1350):
1358* ADV-RECOUP-AMT (NON-KEY DECIMAL 9(11).99 IN 1350):
1359* ADV-RECOUP-AMT-NM (NON-KEY DECIMAL 9(11).99 IN 1350):
1360* ADV-SUM-SYS-DT-LST (NON-KEY DATE IN 1350):

600* FC-JO-PHANTOM-RECORD (SR IN 500):
601* JO-NO-PHANTOM-KEY (KEY CHARACTER X(14) IN 600):
        (CONTAINS JO-NO + SUB-JO-NO)

625* FC-COMMITMENT-RECORD (SR IN 600):
626* COMT-REF-NO (KEY CHARACTER X(14) IN 625):
627* COMT-SUB-JO-NO (NON-KEY TEXT X(8) IN 625):
628* COMT-COST-CEN-MGR (NON-KEY TEXT X(6) IN 625):   (MATCHING CRITERIA)
629* BULK-CD (NON-KEY CHARACTER X IN 625):
630* COMT-ORD-TY-CD (NON-KEY CHARACTER X IN 625):
631* COMT-INFACE-CD (NON-KEY CHARACTER X IN 625):
632* COMT-SELLER-CD (NON-KEY CHARACTER XX IN 625):
633* COMT-BRAC-CD (NON-KEY CHARACTER X IN 625):
634* COMT-EOR (NON-KEY CHARACTER X(4) IN 625):
635* COMT-NSN (NON-KEY CHARACTER X(15) IN 625):
636* COMT-UM (NON-KEY CHARACTER XX IN 625):
637* PROC-ACT-NO (NON-KEY CHARACTER X(20) IN 625):
638* COMT-DOCU-DT-LST (NON-KEY DATE IN 625):
639* COMT-AMD-NO-LST (NON-KEY CHARACTER XX IN 625):
640* COMT-EXPIR-DT (NON-KEY DATE IN 625):
641* TDO (NON-KEY DATE IN 625):
642* COMT-NOMEN (NON-KEY TEXT X(35) IN 625):
643* COMT-QTY-CFI (NON-KEY INTEGER 9(9) IN 625):
644* COMT-QTY-NM (NON-KEY INTEGER 9(9) IN 625):
645* COMT-CFI (NON-KEY DECIMAL 9(11).99 IN 625):
646* COMT-FYTD (NON-KEY DECIMAL 9(11).99 IN 625):
647* COMT-CRM (NON-KEY DECIMAL 9(11).99 IN 625):
648* COMT-NM (NON-KEY DECIMAL 9(11).99 IN 625):
649* COMT-OBLG-CFI (NON-KEY DECIMAL 9(11).99 IN 625):
650* COMT-OBLG-FYTD (NON-KEY DECIMAL 9(11).99 IN 625):
651* COMT-OBLG-CRM (NON-KEY DECIMAL 9(11).99 IN 625):
652* COMT-OBLG-NM (NON-KEY DECIMAL 9(11).99 IN 625):

Appendix B--Continued

S2K FUND--Continued

653* COMT-EXP-CFI (NON-KEY DECIMAL 9(11).99 IN 625):
654* COMT-EXP-FYTD (NON-KEY DECIMAL 9(11).99 IN 625):
655* COMT-EXP-CRM (NON-KEY DECIMAL 9(11).99 IN 625):
656* COMT-EXP-NM (NON-KEY DECIMAL 9(11).99 IN 625):
657* COMT-DISB-CFI (NON-KEY DECIMAL 9(11).99 IN 625):
658* COMT-DISB-FYTD (NON-KEY DECIMAL 9(11).99 IN 625):
659* COMT-DISB-CRM (NON-KEY DECIMAL 9(11).99 IN 625):
660* COMT-DISB-NM (NON-KEY DECIMAL 9(11).99 IN 625):
661* COMT-DISC-CFI (NON-KEY DECIMAL 9(11).99 IN 625):
662* COMT-CNTGCY-CFI (NON-KEY DECIMAL 9(11).99 IN 625):
663* COMT-CNTGCY-FYTD (NON-KEY DECIMAL 9(11).99 IN 625):
664* COMT-CNTGCY-NM (NON-KEY DECIMAL 9(11).99 IN 625):
665* COMT-SYS-DT-LST (NON-KEY DATE IN 625):

725* FC-EOR-RECORD (SR IN 600):
726* EOR-CONCAT-KEY (KEY CHARACTER X(17) IN 725):
          (CONTAINS JO-NO + EOR + PROD-IND + COST-CEN-MGR)
727* EOR (NON-KEY CHARACTER X(4) IN 725):
728* EOR-SUB-JO-NO (NON-KEY TEXT X(8) IN 725):
729* EOR-COST-CEN-MGR (NON-KEY TEXT X(6) IN 725):
730* PROD-IND (NON-KEY CHARACTER X IN 725):
731* EOR-OBLG-CFI (NON-KEY DECIMAL 9(11).99 IN 725):
732* EOR-OBLG-FYTD (NON-KEY DECIMAL 9(11).99 IN 725):
733* EOR-OBLG-CRM (NON-KEY DECIMAL 9(11).99 IN 725):
734* EOR-OBLG-NM (NON-KEY DECIMAL 9(11).99 IN 725):
735* EOR-OBLG-WO-CFI (NON-KEY DECIMAL 9(11).99 IN 725):
736* EOR-OBLG-WO-FYTD (NON-KEY DECIMAL 9(11).99 IN 725):
737* EOR-OBLG-WO-CRM (NON-KEY DECIMAL 9(11).99 IN 725):
738* EOR-OBLG-WO-NM (NON-KEY DECIMAL 9(11).99 IN 725):
739* EOR-OBLG-WI-CFI (NON-KEY DECIMAL 9(11).99 IN 725):
740* EOR-OBLG-WI-FYTD (NON-KEY DECIMAL 9(11).99 IN 725):
741* EOR-OBLG-WI-CRM (NON-KEY DECIMAL 9(11).99 IN 725):
742* EOR-OBLG-WI-NM (NON-KEY DECIMAL 9(11).99 IN 725):
743* EOR-DEOBLG-WO-CFI (NON-KEY DECIMAL 9(11).99 IN 725):
744* EOR-DEOBLG-WO-FYTD (NON-KEY DECIMAL 9(11).99 IN 725):
745* EOR-DEOBLG-WO-CRM (NON-KEY DECIMAL 9(11).99 IN 725):
746* EOR-DEOBLG-WO-NM (NON-KEY DECIMAL 9(11).99 IN 725):
747* EOR-DEOBLG-WI-CFI (NON-KEY DECIMAL 9(11).99 IN 725):
748* EOR-DEOBLG-WI-FYTD (NON-KEY DECIMAL 9(11).99 IN 725):
749* EOR-DEOBLG-WI-CRM (NON-KEY DECIMAL 9(11).99 IN 725):
750* EOR-DEOBLG-WI-NM (NON-KEY DECIMAL 9(11).99 IN 725):
751* EOR-EXP-CFI (NON-KEY DECIMAL 9(11).99 IN 725):
752* EOR-EXP-FYTD (NON-KEY DECIMAL 9(11).99 IN 725):
753* EOR-EXP-CRM (NON-KEY DECIMAL 9(11).99 IN 725):
754* EOR-EXP-NM (NON-KEY DECIMAL 9(11).99 IN 725):
755* EOR-EXP-WO-CFI (NON-KEY DECIMAL 9(11).99 IN 725):
756* EOR-EXP-WO-FYTD (NON-KEY DECIMAL 9(11).99 IN 725):
757* EOR-EXP-WO-CRM (NON-KEY DECIMAL 9(11).99 IN 725):
758* EOR-EXP-WO-NM (NON-KEY DECIMAL 9(11).99 IN 725):
759* EOR-EXP-WI-CFI (NON-KEY DECIMAL 9(11).99 IN 725):
760* EOR-EXP-WI-FYTD (NON-KEY DECIMAL 9(11).99 IN 725):
761* EOR-EXP-WI-CRM (NON-KEY DECIMAL 9(11).99 IN 725):
762* EOR-EXP-WI-NM (NON-KEY DECIMAL 9(11).99 IN 725):

Appendix B--Continued

S2K FUND--Continued

763* EOR-DISB-CFI (NON-KEY DECIMAL 9(11).99 IN 725):
764* EOR-DISB-FYTD (NON-KEY DECIMAL 9(11).99 IN 725):
765* EOR-DISB-CRM (NON-KEY DECIMAL 9(11).99 IN 725):
766* EOR-DISB-NM (NON-KEY DECIMAL 9(11).99 IN 725):
767* EOR-DISB-WO-CFI (NON-KEY DECIMAL 9(11).99 IN 725):
768* EOR-DISB-WO-FYTD (NON-KEY DECIMAL 9(11).99 IN 725):
769* EOR-DISB-WO-CRM (NON-KEY DECIMAL 9(11).99 IN 725):
770* EOR-DISB-WO-NM (NON-KEY DECIMAL 9(11).99 IN 725):
771* EOR-DISB-WI-CFI (NON-KEY DECIMAL 9(11).99 IN 725):
772* EOR-DISB-WI-FYTD (NON-KEY DECIMAL 9(11).99 IN 725):
773* EOR-DISB-WI-CRM (NON-KEY DECIMAL 9(11).99 IN 725):
774* EOR-DISB-WI-NM (NON-KEY DECIMAL 9(11).99 IN 725):
775* EOR-DISB-US-CRM (NON-KEY DECIMAL 9(11).99 IN 725):
776* EOR-DISB-US-NM (NON-KEY DECIMAL 9(11).99 IN 725):
777* EOR-DISB-OTH-CRM (NON-KEY DECIMAL 9(11).99 IN 725):
778* EOR-DISB-OTH-NM (NON-KEY DECIMAL 9(11).99 IN 725):
779* EOR-DISB-INTFUND-CRM (NON-KEY DECIMAL 9(11).99 IN 725):
780* EOR-DISB-INTFUND-NM (NON-KEY DECIMAL 9(11).99 IN 725):
781* EOR-END-STR-OTH (NON-KEY INTEGER 9(5) IN 725):
782* EOR-HRS-CFI (NON-KEY DECIMAL 9(6).99 IN 725):
783* EOR-HRS-FYTD (NON-KEY DECIMAL 9(6).99 IN 725):
784* EOR-HRS-CRM (NON-KEY DECIMAL 9(6).99 IN 725):
785* EOR-HRS-NM (NON-KEY DECIMAL 9(6).99 IN 725):
786* EOR-OVHD-HRS-FYTD (NON-KEY DECIMAL 9(6).99 IN 725):
787* EOR-OVHD-HRS-CRM (NON-KEY DECIMAL 9(6).99 IN 725):
788* EOR-OVHD-FYTD (NON-KEY DECIMAL 9(11).99 IN 725):
789* EOR-OVHD-CRM (NON-KEY DECIMAL 9(11).99 IN 725):
790* EOR-EXP-BILLED (NON-KEY DECIMAL 9(11).99 IN 725):
791* EOR-BASEOPS-BILLED (NON-KEY DECIMAL 9(11).99 IN 725):
792* EOR-BASEOPS-DIR (NON-KEY DECIMAL 9(11).99 IN 725):
793* EOR-STAT-OVHD-DOL-CFI (NON-KEY DECIMAL 9(11).99 IN 725):
794* EOR-STAT-OVHD-DOL-FYTD (NON-KEY DECIMAL 9(11).99 IN 725):
795* EOR-STAT-OVHD-DOL-CRM (NON-KEY DECIMAL 9(11).99 IN 725):
796* EOR-SYS-DT-LST (NON-KEY DATE IN 725):

900* FC-OBLG-KEY-RECORD (SR IN 725):
901* OBLG-CONCAT-KEY (KEY CHARACTER X(30) IN 900):
        (CONTAINS OBLG-TY-CD + JO-NO + EOR + PROD-IND + OBLG-REF-NO)
902* OBLG-TY-CD (NON-KEY CHARACTER X IN 900):
903* OBLG-JO-NO (NON-KEY CHARACTER (6) IN 900):
904* OBLG-EOR (NON-KEY CHARACTER (4) IN 900):
905* OBLG-PROD-IND (NON-KEY CHARACTER X IN 900):
906* OBLG-REF-NO (NON-KEY CHARACTER X(18) IN 900):

925* FC-OBLG-MISC-DTL-RECORD (SR IN 900):   (OBLG-TY-CD = 'M')
926* OBLG-REF-NO-SPIIN (NON-KEY CHARACTER X(18) IN 925):
927* MISC-EOR (NON-KEY CHARACTER X(4) IN 925):
928* MISC-COMT-REF-NO (NON-KEY CHARACTER X(14) IN 925):   (MATCHING CRITERIA)
929* MISC-IFS-DOCU-NO (NON-KEY TEXT X(18) IN 925):   (MATCHING CRITERIA)
930* MISC-COST-CEN-MGR (NON-KEY TEXT X(6) IN 925):   (MATCHING CRITERIA)
931* MISC-SUB-JO-NO (NON-KEY TEXT X(8) IN 925):

Appendix B--Continued

S2K FUND--Continued

932* MISC-FIN-PRT-CD (NON-KEY CHARACTER X IN 925):
933* MISC-WI-FED-GOVT-CD (NON-KEY CHARACTER X IN 925):
934* MISC-NOMEN (NON-KEY TEXT X(35) IN 925):
935* MISC-OBLG-QTY-CFI (NON-KEY INTEGER 9(9) IN 925):
936* MISC-OBLG-QTY-NM (NON-KEY INTEGER 9(9) IN 925):
937* MISC-OBLG-CFI (NON-KEY DECIMAL 9(11).99 IN 925):
938* MISC-OBLG-FYTD (NON-KEY DECIMAL 9(11).99 IN 925):
939* MISC-OBLG-NM (NON-KEY DECIMAL 9(11).99 IN 925):
940* MISC-EXP-QTY-CFI (NON-KEY INTEGER 9(9) IN 925):
941* MISC-EXP-QTY-NM (NON-KEY INTEGER 9(9) IN 925):
942* MISC-EXP-CFI (NON-KEY DECIMAL 9(11).99 IN 925):
943* MISC-EXP-NM (NON-KEY DECIMAL 9(11).99 IN 925):
944* MISC-DISB-QTY-CFI (NON-KEY INTEGER 9(9) IN 925):
945* MISC-DISB-QTY-NM (NON-KEY INTEGER 9(9) IN 925):
946* MISC-DISB-CFI (NON-KEY DECIMAL 9(11).99 IN 925):
947* MISC-DISB-NM (NON-KEY DECIMAL 9(11).99 IN 925):
948* MISC-DISC-CFI (NON-KEY DECIMAL 9(11).99 IN 925):
949* MISC-DISC-NM (NON-KEY DECIMAL 9(11).99 IN 925):
950* MISC-SYS-DT-LST (NON-KEY DATE IN 925):

1000* FC-OBLG-CONTR-DTL-RECORD (SR IN 900):   (OBLG-TY-CD = 'C')
1001* CONTR-NO (NON-KEY CHARACTER X(17) IN 1000):
1002* CONTR-EOR (NON-KEY CHARACTER X(4) IN 1000):
1003* CONTR-CLIN (NON-KEY CHARACTER X(6) IN 1000):   (MATCHING CRITERIA)
1004* CONTR-ACRN (NON-KEY CHARACTER XX IN 1000):   (MATCHING CRITERIA)
1005* CONTR-COMT-REF-NO (NON-KEY CHARACTER X(14) IN 1000): (MATCHING CRITERIA)
1006* CONTR-IFS-DOCU-NO (NON-KEY TEXT X(18) IN 1000):   (MATCHING CRITERIA)
1007* CONTR-SUB-JO-NO (NON-KEY TEXT X(8) IN 1000):
1008* CONTR-COST-CEN-MGR (NON-KEY TEXT X(6) IN 1000):
1009* CONTR-NSN (NON-KEY CHARACTER X(15) IN 1000):
1010* CONTR-UM (NON-KEY CHARACTER XX IN 1000):
1011* CONTR-FIN-PRT-CD (NON-KEY CHARACTER X IN 1000):
1012* CONTR-WI-FED-GOVT-CD (NON-KEY CHARACTER X IN 1000):
1013* CONTR-OBLG-QTY-CFI (NON-KEY INTEGER 9(9) IN 1000):
1014* CONTR-OBLG-QTY-NM (NON-KEY INTEGER 9(9) IN 1000):
1015* CONTR-OBLG-CFI (NON-KEY DECIMAL 9(11).99 IN 1000):
1016* CONTR-OBLG-FYTD (NON-KEY DECIMAL 9(11).99 IN 1000):
1017* CONTR-OBLG-NM (NON-KEY DECIMAL 9(11).99 IN 1000):
1018* CONTR-ACCRU-EXPEND-CFI (NON-KEY DECIMAL 9(11).99 IN 1000):
1019* CONTR-ACCRU-EXPEND-NM (NON-KEY DECIMAL 9(11).99 IN 1000):
1020* CONTR-DISB-QTY-CFI (NON-KEY INTEGER 9(9) IN 1000):
1021* CONTR-DISB-QTY-NM (NON-KEY INTEGER 9(9) IN 1000):
1022* CONTR-DISB-CFI (NON-KEY DECIMAL 9(11).99 IN 1000):
1023* CONTR-DISB-NM (NON-KEY DECIMAL 9(11).99 IN 1000):
1024* CONTR-UPRICE (NON-KEY DECIMAL 9(11).99 IN 1000):
1025* CONTR-ACPT-QTY-CFI (NON-KEY INTEGER 9(9) IN 1000):
1026* CONTR-ACPT-QTY-NM (NON-KEY INTEGER 9(9) IN 1000):
1027* CONTR-RECPT-QTY-CFI (NON-KEY INTEGER 9(9) IN 1000):
1028* CONTR-RECPT-QTY-NM (NON-KEY INTEGER 9(9) IN 1000):
1029* CONTR-DISC-CFI (NON-KEY DECIMAL 9(11).99 IN 1000):
1030* CONTR-DISC-NM (NON-KEY DECIMAL 9(11).99 IN 1000):
1031* CONTR-HOLDBACK (NON-KEY DECIMAL 9(11).99 IN 1000):

Appendix B--Continued

S2K FUND--Continued

1032* CONTR-EARMARKED (NON-KEY DECIMAL 9(11).99 IN 1000):
1033* CONTR-PROGR-PMT-EARM (NON-KEY DECIMAL 9(11).99 IN 1000):
1034* CONTR-PROGR-PMT-HOLDBACK-CFI (NON-KEY DECIMAL 9(11).99 IN 1000):
1035* CONTR-PROGR-PMT-HOLDBACK-NM (NON-KEY DECIMAL 9(11).99 IN 1000):
1036* DISB-PROGR-PMT-OSTD-WI-CFI (NON-KEY DECIMAL 9(11).99 IN 1000):
1037* DISB-PROGR-PMT-OSTD-WI-NM (NON-KEY DECIMAL 9(11).99 IN 1000):
1038* DISB-PROGR-PMT-OSTD-WO-CFI (NON-KEY DECIMAL 9(11).99 IN 1000):
1039* DISB-PROGR-PMT-OSTD-WO-NM (NON-KEY DECIMAL 9(11).99 IN 1000):
1040* CONTR-SYS-DT-LST (NON-KEY DATE IN 1000):

1075* FC-OBLG-GBL-DTL-RECORD (SR IN 900):   (OBLG-TY-CD = 'G')
1076* GBL-NO (NON-KEY CHARACTER X(9) IN 1075):
1077* GBL-ACRN (NON-KEY CHARACTER XX IN 1075):   (MATCHING CRITERIA)
1078* GBL-IFS-DOCU-NO (NON-KEY TEXT X(18) IN 1075):   (MATCHING CRITERIA)
1079* GBL-SUB-JO-NO (NON-KEY TEXT X(8) IN 1075):
1080* GBL-COST-CEN-MGR (NON-KEY TEXT X(6) IN 1075):
1081* GBL-WI-FED-GOVT-CD (NON-KEY CHARACTER X IN 1075):
1082* GBL-WT-LBS (NON-KEY INTEGER 9(9) IN 1075):
1083* GBL-OBLG-EXP-CFI (NON-KEY DECIMAL 9(11).99 IN 1075):
1084* GBL-OBLG-EXP-FYTD (NON-KEY DECIMAL 9(11).99 IN 1075):
1085* GBL-OBLG-EXP-NM (NON-KEY DECIMAL 9(11).99 IN 1075):
1086* GBL-DISB-CFI (NON-KEY DECIMAL 9(11).99 IN 1075):
1087* GBL-DISB-NM (NON-KEY DECIMAL 9(11).99 IN 1075):
1088* GBL-SYS-DT-LST (NON-KEY DATE IN 1075):

1125* FC-OBLG-LBR-DTL-RECORD (SR IN 900):   (OBLG-TY-CD = 'L')
1126* LBR-OBLG-REF-NO (NON-KEY CHARACTER X(14) IN 1125):
1127* LBR-EOR (NON-KEY CHARACTER X(4) IN 1125):
1128* LBR-PAY-PD-NO (NON-KEY CHARACTER X(14) IN 1125):   (MATCHING CRITERIA)
1129* LBR-COMT-REF-NO (NON-KEY CHARACTER X(14) IN 1125):   (MATCHING CRITERIA)
1130* LBR-IFS-DOCU-NO (NON-KEY TEXT X(18) IN 1125):   (MATCHING CRITERIA)
1131* LBR-COST-CEN-MGR (NON-KEY TEXT X(6) IN 1125):   (MATCHING CRITERIA)
1132* LBR-SUB-JO-NO (NON-KEY TEXT X(8) IN 1125):
1133* LBR-WI-FED-GOVT-CD (NON-KEY CHARACTER X IN 1125):
1134* LBR-DOV-NO (NON-KEY CHARACTER X(6) IN 1125):
1135* LBR-DOV-DT (NON-KEY DATE IN 1125):
1136* LBR-HRS-CFI (NON-KEY DECIMAL 9(6).99 IN 1125):
1137* LBR-HRS-FYTD (NON-KEY DECIMAL 9(6).99 IN 1125):
1138* LBR-HRS-CRM (NON-KEY DECIMAL 9(6).99 IN 1125):
1139* LBR-HRS-NM (NON-KEY DECIMAL 9(6).99 IN 1125):
1140* LBR-OBLG-EXP-CFI (NON-KEY DECIMAL 9(11).99 IN 1125):
1141* LBR-OBLG-EXP-FYTD (NON-KEY DECIMAL 9(11).99 IN 1125):
1142* LBR-OBLG-EXP-CRM (NON-KEY DECIMAL 9(11).99 IN 1125):
1143* LBR-OBLG-EXP-NM (NON-KEY DECIMAL 9(11).99 IN 1125):
1144* LBR-DISB-CFI (NON-KEY DECIMAL 9(11).99 IN 1125):
1145* LBR-DISB-FYTD (NON-KEY DECIMAL 9(11).99 IN 1125):
1146* LBR-DISB-CRM (NON-KEY DECIMAL 9(11).99 IN 1125):
1147* LBR-DISB-NM (NON-KEY DECIMAL 9(11).99 IN 1125):
1148* LBR-SYS-DT-LST (NON-KEY DATE IN 1125):

Appendix B--Continued

S2K FUND--Continued

1200* FC-OBLG-RQN-DTL-RECORD (SR IN 900):   (OBLG-TY-CD = 'R')
1201* RQN-NO (KEY CHARACTER X(14) IN 1200):
1202* RQN-EOR (NON-KEY CHARACTER X(4) IN 1200):
1203* RQN-COMT-REF-NO (NON-KEY CHARACTER X(14) IN 1200):   (MATCHING CRITERIA)
1204* RQN-IFS-DOCU-NO (NON-KEY TEXT X(18) IN 1200):
1205* RQN-SUB-JO-NO (NON-KEY TEXT X(8) IN 1200):
1206* RQN-COST-CEN-MGR (NON-KEY TEXT X(6) IN 1200):
1207* RQN-NSN (NON-KEY CHARACTER X(15) IN 1200):
1208* RQN-UM (NON-KEY CHARACTER XX IN 1200):
1209* RQN-SUPPL-ADD (NON-KEY CHARACTER X(6) IN 1200):
1210* RQN-PROJ-CD (NON-KEY CHARACTER XXX IN 1200):
1211* RQN-WI-FED-GOVT-CD (NON-KEY CHARACTER X IN 1200):
1212* RQN-UPRICE (NON-KEY DECIMAL 9(11).99 IN 1200):
1213* RQN-OBLG-QTY-CFI (NON-KEY INTEGER 9(9) IN 1200):
1214* RQN-OBLG-QTY-NM (NON-KEY INTEGER 9(9) IN 1200):
1215* RQN-OBLG-CFI (NON-KEY DECIMAL 9(11).99 IN 1200):
1216* RQN-OBLG-FYTD (NON-KEY DECIMAL 9(11).99 IN 1200):
1217* RQN-OBLG-NM (NON-KEY DECIMAL 9(11).99 IN 1200):
1218* RQN-EXP-CFI (NON-KEY DECIMAL 9(11).99 IN 1200):
1219* RQN-EXP-NM (NON-KEY DECIMAL 9(11).99 IN 1200):
1220* RQN-DISB-QTY-CFI (NON-KEY INTEGER 9(9) IN 1200):
1221* RQN-DISB-QTY-NM (NON-KEY INTEGER 9(9) IN 1200):
1222* RQN-DISB-CFI (NON-KEY DECIMAL 9(11).99 IN 1200):
1223* RQN-DISB-NM (NON-KEY DECIMAL 9(11).99 IN 1200):
1224* RQN-RECPT-QTY-CFI (NON-KEY INTEGER 9(9) IN 1200):
1225* RQN-RECPT-QTY-NM (NON-KEY INTEGER 9(9) IN 1200):
1226* RQN-INVT-AMT-DROP (NON-KEY DECIMAL 9(11).99 IN 1200):
1227* RQN-INVT-QTY-DROP (NON-KEY INTEGER 9(9) IN 1200):
1228* RQN-DISC-CFI (NON-KEY DECIMAL 9(11).99 IN 1200):
1229* RQN-DISC-NM (NON-KEY DECIMAL 9(11).99 IN 1200):
1230* RQN-SYS-DT-LST (NON-KEY DATE IN 1200):

1275* FC-OBLG-TVL-DTL-RECORD (SR IN 900):   (OBLG-TY-CD = 'T')
1276* TVL-STD-DOCU-NO (NON-KEY CHARACTER X(14) IN 1275):
1277* TVL-EOR (NON-KEY CHARACTER X(4) IN 1275):
1278* TVL-COMT-REF-NO (NON-KEY CHARACTER X(14) IN 1275):   (MATCHING CRITERIA)
1279* TVL-IFS-DOCU-NO (NON-KEY TEXT X(18) IN 1275):   (MATCHING CRITERIA)
1280* TVL-COST-CEN-MGR (NON-KEY TEXT X(6) IN 1275):   (MATCHING CRITERIA)
1281* TVL-SUB-JO-NO (NON-KEY TEXT X(8) IN 1275):
1282* TVL-FIN-PRT-CD (NON-KEY CHARACTER X IN 1275):
1283* TVL-WI-FED-GOVT-CD (NON-KEY CHARACTER X IN 1275):
1284* TVL-OBLG-CFI (NON-KEY DECIMAL 9(11).99 IN 1275):
1285* TVL-OBLG-FYTD (NON-KEY DECIMAL 9(11).99 IN 1275):
1286* TVL-OBLG-NM (NON-KEY DECIMAL 9(11).99 IN 1275):
1287* TVL-EXP-CFI (NON-KEY DECIMAL 9(11).99 IN 1275):
1288* TVL-EXP-NM (NON-KEY DECIMAL 9(11).99 IN 1275):
1289* TVL-DISB-CFI (NON-KEY DECIMAL 9(11).99 IN 1275):
1290* TVL-DISB-NM (NON-KEY DECIMAL 9(11).99 IN 1275):
1291* TVL-SYS-DT-LST (NON-KEY DATE IN 1275):

Appendix B--Continued

S2K FUND--Continued

1375* FC-MIL-CONTR-LBR-RECORD (SR IN 600):
1376* JO-MIL-LBR-SUB-JO-NO (NON-KEY TEXT X(8) IN 1375):
1377* JO-MIL-LBR-COST-CEN-MGR (NON-KEY TEXT X(6) IN 1375):   (MATCHING CRITERIA)
1378* JO-MIL-LBR-OFC-CFI (NON-KEY DECIMAL 9(11).99 IN 1375):
1379* JO-MIL-LBR-OFC-FYTD (NON-KEY DECIMAL 9(11).99 IN 1375):
1380* JO-MIL-LBR-OFC-CRM (NON-KEY DECIMAL 9(11).99 IN 1375):
1381* JO-MIL-LBR-OFC-NM (NON-KEY DECIMAL 9(11).99 IN 1375):
1382* JO-MIL-LBR-ENL-CFI (NON-KEY DECIMAL 9(11).99 IN 1375):
1383* JO-MIL-LBR-ENL-FYTD (NON-KEY DECIMAL 9(11).99 IN 1375):
1384* JO-MIL-LBR-ENL-CRM (NON-KEY DECIMAL 9(11).99 IN 1375):
1385* JO-MIL-LBR-ENL-NM (NON-KEY DECIMAL 9(11).99 IN 1375):
1386* JO-MIL-LBR-HRS-CFI (NON-KEY DECIMAL 9(06).99 IN 1375):
1387* JO-MIL-LBR-HRS-FYTD (NON-KEY DECIMAL 9(06).99 IN 1375):
1388* JO-MIL-LBR-HRS-CRM (NON-KEY DECIMAL 9(06).99 IN 1375):
1389* JO-MIL-LBR-HRS-NM (NON-KEY DECIMAL 9(06).99 IN 1375):
1390* JO-MIL-OVHD-FYTD (NON-KEY DECIMAL 9(11).99 IN 1375):
1391* JO-MIL-OVHD-CRM (NON-KEY DECIMAL 9(11).99 IN 1375):
1392* JO-MIL-OVHD-HRS-FYTD (NON-KEY DECIMAL 9(06).99 IN 1375):
1393* JO-MIL-OVHD-HRS-CRM (NON-KEY DECIMAL 9(06).99 IN 1375):
1394* JO-CONTR-OVHD-HRS-FYTD (NON-KEY DECIMAL 9(06).99 IN 1375):
1395* JO-CONTR-OVHD-HRS-CRM (NON-KEY DECIMAL 9(06).99 IN 1375):
1396* JO-CONTR-HRS-CFI (NON-KEY DECIMAL 9(06).99 IN 1375):
1397* JO-CONTR-HRS-FYTD (NON-KEY DECIMAL 9(06).99 IN 1375):
1398* JO-CONTR-HRS-CRM (NON-KEY DECIMAL 9(06).99 IN 1375):
1399* JO-CONTR-HRS-NM (NON-KEY DECIMAL 9(06).99 IN 1375):

1400* FC-REIMBURSABLE-RECORD (SR IN 300):
1401* REIMB-MGR-RESR-REF-NO (KEY CHARACTER X(15) IN 1400):
1402* REIMB-CUST-ORD-NO (KEY CHARACTER X(15) IN 1400):
1403* REIMB-SRC-CD (NON-KEY CHARACTER X(3) IN 1400):
1404* SRC-EARN-CD (NON-KEY CHARACTER XX IN 1400):
1405* REIMB-ACCT-CLAS (NON-KEY TEXT X(65) IN 1400):
1406* PMT-SRC-CD (NON-KEY CHARACTER X IN 1400):
1407* BILL-STAT-CD (NON-KEY CHARACTER X IN 1400):
1408* FMS-DTL-BILL-BKUP-CD (NON-KEY CHARACTER X IN 1400):
1409* COMPLETION-CD (NON-KEY CHARACTER X IN 1400):
1410* BILL-TO-ADRS (NON-KEY CHARACTER X(6) IN 1400):
1411* BILL-FR-ADRS (NON-KEY CHARACTER X(6) IN 1400):
1412* SITE-CD (NON-KEY CHARACTER XX IN 1400):
1413* REIMB-NSN (NON-KEY CHARACTER X(15) IN 1400):
1414* REIMB-UM (NON-KEY CHARACTER XX IN 1400):
1415* REIMB-NOMEN (NON-KEY TEXT X(35) IN 1400):
1416* BILL-TO-JO-NO (NON-KEY CHARACTER X(6) IN 1400):
1417* BILL-TO-OBLG-REF-NO (NON-KEY CHARACTER X(18) IN 1400):
1418* BILL-TO-EOR (NON-KEY CHARACTER X(4) IN 1400):
1419* BILL-TO-COST-CEN-MGR (NON-KEY TEXT X(6) IN 1400):
1420* BILL-TO-COMT-REF-NO (NON-KEY CHARACTER X(14) IN 1400):
1421* BILL-TO-SUB-JO-NO (NON-KEY TEXT X(08) IN 1400):
1422* BILL-TO-IFS-DOC-NO (NON-KEY CHARACTER X(18) IN 1400):
1423* ORD-EXPR-DT (NON-KEY DATE IN 1400):
1424* ORD-APROP-EXPR-DT (NON-KEY DATE IN 1400):
1425* BOR-APPL (NON-KEY CHARACTER X IN 1400):

Appendix B--Continued

S2K FUND--Continued

1426* BOR-CEILING (NON-KEY DECIMAL 9(11).99 IN 1400):
1427* BOR-HRS-BILLED (NON-KEY DECIMAL 9(6).99 IN 1400):
1428* BOR-BILLED (NON-KEY DECIMAL 9(11).99 IN 1400):
1429* ORD-REC-QTY-CFI (NON-KEY INTEGER 9(9) IN 1400):
1430* ORD-REC-CFI (NON-KEY DECIMAL 9(11).99 IN 1400):
1431* ORD-REC-FYTD (NON-KEY DECIMAL 9(11).99 IN 1400):
1432* ORD-REC-CRM (NON-KEY DECIMAL 9(11).99 IN 1400):
1433* ORD-REC-NM (NON-KEY DECIMAL 9(11).99 IN 1400):
1434* REIMB-EARN-QTY-CFI (NON-KEY INTEGER 9(9) IN 1400):
1435* REIMB-EARN-CFI (NON-KEY DECIMAL 9(11).99 IN 1400):
1436* REIMB-EARN-FYTD (NON-KEY DECIMAL 9(11).99 IN 1400):
1437* REIMB-EARN-CRM (NON-KEY DECIMAL 9(11).99 IN 1400):
1438* REIMB-EARN-NM (NON-KEY DECIMAL 9(11).99 IN 1400):
1439* REIMB-BILL-QTY-CFI (NON-KEY INTEGER 9(9) IN 1400):
1440* REIMB-BILL-CFI (NON-KEY DECIMAL 9(11).99 IN 1400):
1441* REIMB-BILL-FYTD (NON-KEY DECIMAL 9(11).99 IN 1400):
1442* REIMB-BILL-CRM (NON-KEY DECIMAL 9(11).99 IN 1400):
1443* REIMB-BILL-NM (NON-KEY DECIMAL 9(11).99 IN 1400):
1444* REIMB-COLL-QTY-CFI (NON-KEY INTEGER 9(9) IN 1400):
1445* REIMB-COLL-CFI (NON-KEY DECIMAL 9(11).99 IN 1400):
1446* REIMB-COLL-FYTD (NON-KEY DECIMAL 9(11).99 IN 1400):
1447* REIMB-COLL-CRM (NON-KEY DECIMAL 9(11).99 IN 1400):
1448* REIMB-COLL-NM (NON-KEY DECIMAL 9(11).99 IN 1400):
1449* REIMB-COLL-US-CRM (NON-KEY DECIMAL 9(11).99 IN 1400):
1450* REIMB-COLL-US-NM (NON-KEY DECIMAL 9(11).99 IN 1400):
1451* REIMB-COLL-OTH-CRM (NON-KEY DECIMAL 9(11).99 IN 1400):
1452* REIMB-COLL-OTH-NM (NON-KEY DECIMAL 9(11).99 IN 1400):
1453* REIMB-COLL-INTFUND-CRM (NON-KEY DECIMAL 9(11).99 IN 1400):
1454* REIMB-COLL-INTFUND-NM (NON-KEY DECIMAL 9(11).99 IN 1400):
1455* REIMB-TRF-CFI (NON-KEY DECIMAL 9(11).99 IN 1400):
1456* REIMB-TRF-FYTD (NON-KEY DECIMAL 9(11).99 IN 1400):
1457* REIMB-TRF-CRM (NON-KEY DECIMAL 9(11).99 IN 1400):
1458* REIMB-TRF-NM (NON-KEY DECIMAL 9(11).99 IN 1400):
1459* ACCT-REC-AMT-OPEN-BAL (NON-KEY DECIMAL 9(11).99 IN 1400):
1460* REIMB-SYS-DT-LST (NON-KEY DATE IN 1400):

1500* FC-REIMB-ADV-RECORD (SR IN 1400):
1501* REIMB-PROJ-ACCT (NON-KEY CHARACTER X(3) IN 1500):
1502* REIMB-ADV-REC-CFI (NON-KEY DECIMAL 9(11).99 IN 1500):
1503* REIMB-ADV-REC-FYTD (NON-KEY DECIMAL 9(11).99 IN 1500):
1504* REIMB-ADV-REC-NM (NON-KEY DECIMAL 9(11).99 IN 1500):
1505* REIMB-ADV-USED-CFI (NON-KEY DECIMAL 9(11).99 IN 1500):
1506* REIMB-ADV-USED-FYTD (NON-KEY DECIMAL 9(11).99 IN 1500):
1507* REIMB-ADV-USED-NM (NON-KEY DECIMAL 9(11).99 IN 1500):
1508* REIMB-ADV-SYS-DT-LST (NON-KEY DATE IN 1500):

Appendix B--Continued

S2K FUND--Continued

OPEN BILLED RECORD (C1525)
1525* FC-OPEN-BILLED-RECORD (SR IN 1400):
1526* OPN-BILL-CONCAT-KEY (KEY CHARACTER X(21) IN 1525):
        (CONTAINS BILL-NO+MGR-RESR-REF-NO)
1527* OPN-BILL-BILL-DT (NON-KEY DATE IN 1525):
1528* OPN-BILL-BILL-NO (NON-KEY CHARACTER X(6) IN 1525):
1529* OPN-BILL-BAL (NON-KEY DECIMAL 9(11).99 IN 1525):
1530* OPN-BILL-BAL-NM (NON-KEY DECIMAL 9(11).99 IN 1525):

1550* FC-REIMB-UNFND-RECORD   (SR IN 1400):
1551* UNFND-CEIL-CFI (NON-KEY DECIMAL 9(11).99 IN 1550):
1552* UNFND-CEIL-NM (NON-KEY DECIMAL 9(11).99 IN 1550):
1553* MIL-LBR-OFC-CFI (NON-KEY DECIMAL 9(11).99 IN 1550):
1554* MIL-LBR-OFC-CRM (NON-KEY DECIMAL 9(11).99 IN 1550):
1555* MIL-LBR-OFC-NM (NON-KEY DECIMAL 9(11).99 IN 1550):
1556* MIL-LBR-ENL-CFI (NON-KEY DECIMAL 9(11).99 IN 1550):
1557* MIL-LBR-ENL-CRM (NON-KEY DECIMAL 9(11).99 IN 1550):
1558* MIL-LBR-ENL-NM (NON-KEY DECIMAL 9(11).99 IN 1550):
1559* MIL-UNFND-BENE-CFI (NON-KEY DECIMAL 9(11).99 IN 1550):
1560* MIL-UNFND-BENE-NM (NON-KEY DECIMAL 9(11).99 IN 1550):
1561* UNFND-CIV-RET-CFI (NON-KEY DECIMAL 9(11).99 IN 1550):
1562* UNFND-CIV-RET-NM (NON-KEY DECIMAL 9(11).99 IN 1550):
1563* MIL-LBR-OFC-TO-BE-BILL (NON-KEY DECIMAL 9(11).99 IN 1550):
1564* MIL-LBR-ENL-TO-BE-BILL (NON-KEY DECIMAL 9(11).99 IN 1550):
1565* MIL-UNFND-BEN-TO-BE-BILL (NON-KEY DECIMAL 9(11).99 IN 1550):
1566* UNFND-CIV-RET-TO-BE-BILL (NON-KEY DECIMAL 9(11).99 IN 1550):
1567* AST-USE (NON-KEY DECIMAL 9(11).99 IN 1550):
1568* AST-USE-TO-BE-BILL (NON-KEY DECIMAL 9(11).99 IN 1550):
1569* UNFND-SYS-DT-LST (NON-KEY DATE IN 1550):

Appendix B--Continued

S2K GENERAL LEDGER

1* GL-PROG-CON-KEY (KEY CHARACTER X(25)):
2* CMD-DSG (NON-KEY CHARACTER X):
3* DEPT-CD (NON-KEY CHARACTER XX):
4* PROG-YR (NON-KEY CHARACTER X(4)):
5* APROP-SYM (NON-KEY CHARACTER X(4)):
6* LIMIT (NON-KEY CHARACTER X(4)):
7* OP-AGCY (NON-KEY CHARACTER XX):
8* ALOT (NON-KEY CHARACTER X(4)):
9* FISC-STA-NO (NON-KEY CHARACTER X(6)):
100* GL-ACCOUNT-RECORD (SR):
101* GL-ACCT-NO (NON-KEY CHARACTER X(6) IN 100):
102* GL-NOMEN (NON-KEY CHARACTER X(45) IN 100):
103* GL-DR-CR-CD (NON-KEY CHARACTER X IN 100):
104* GL-OPN-BAL (NON-KEY DECIMAL 9(13).99 IN 100):
105* GL-CUM-BAL (NON-KEY DECIMAL 9(13).99 IN 100):
106* GL-CRM-DR (NON-KEY DECIMAL 9(13).99 IN 100):
107* GL-CRM-CR (NON-KEY DECIMAL 9(13).99 IN 100):
108* GL-NXT-MO-DR (NON-KEY DECIMAL 9(13).99 IN 100):
109* GL-NXT-MO-CR (NON-KEY DECIMAL 9(13).99 IN 100):
110* GL-DT-LST-UPDT (NON-KEY DATE IN 100):

Appendix B--Continued

S2K HISTORY

C0* PROGRAM RECORD
C1* PROG-CUST-ORD-NO (KEY CHARACTER X(14)):
C2* PROG-CON-KEY (KEY CHARACTER X(30) WITH FEW FUTURE OCCURRENCES):
C3* CMD-DSG (NON-KEY CHARACTER X):
C4* DEPT-CD (NON-KEY CHARACTER XX):
C5* PROG-YR (NON-KEY CHARACTER X(4):
C6* APROP-SYM (NON-KEY CHARACTER X(4):
C7* LIMIT (NON-KEY CHARACTER X(4):
C8* OP-AGCY (NON-KEY CHARACTER X(2):
C9* ALOT (NON-KEY CHARACTER X(4):
C10* PROG (NON-KEY CHARACTER X(13):
C11* FISC-STA-NO (NON-KEY CHARACTER X(6)):
C12* PROG-EXEC-CD (NON-KEY CHARACTER X(1):
C13* GOA-PRON (NON-KEY CHARACTER X(12)):
C14* BUD-LINE-ITEM (NON-KEY CHARACTER X(6)):
C15* STD-STDY-NO (NON-KEY CHARACTER X(7)):

C50* PROG-DTL-RECORD (SR):
C51* PROG-BLK-TKT-NO (NON-KEY CHARACTER X(7) IN 50):
C52* PROG-BLK-TKT-DT (NON-KEY DATE IN 50):
C53* PROG-SYS-DT (NON-KEY DATE IN 50):
C54* PROG-DOCU-DT (NON-KEY DATE IN 50):
C55* PROG-TRAN-CD (NON-KEY CHARACTER XXX IN 50):
C56* PROG-JOUR-VOU-NO (NON-KEY CHARACTER X(6) IN 50):
C57* PROG-AMDT-NO (NON-KEY CHARACTER XX IN 50):
C58* PROG-UPDT-CD (NON-KEY CHARACTER XX IN 50):
C59* PROG-REF-NO (NON-KEY CHARACTER X(14) IN 50):
C60* PROG-ACT-AMT-ANL (NON-KEY DECIMAL 9(10).99 IN 50):
C61* FUND-ACT-AMT-QTRLY (NON-KEY DECIMAL 9(10).99 IN 50):

C300* RESR-KEY-RECORD (SR):
C301* MGR-RESR-REF-NO (KEY CHARACTER X(15) IN 300):
C302* PROG-BUD-RESR-REF-NO (NON-KEY CHARACTER X(15) IN 300):
C303* MGR-RESR-REF-REC (NON-KEY CHARACTER X IN 300):
C304* AMS-CD (NON-KEY CHARACTER X(11) IN 300):
C305* RESR-COST-CEN-MGR (NON-KEY TEXT X(6) IN 300):
C306* RDTE-TASK-NO (NON-KEY CHARACTER XXX IN 300):
C307* WPN-SYS-CD (NON-KEY CHARACTER X(4) IN 300):
C308* RESR-TY-FIN-CD (NON-KEY CHARACTER X IN 300):
C309* ORIG-PROG-YR (NON-KEY CHARACTER X(4) IN 300):
C310* DARPA-ORD-NO (NON-KEY CHARACTER X(4) IN 300):
C311* AMC-CD(NON-KEY CHARACTER X(1) IN 300):
C312* RESR-CUST-ORD-NO (NON-KEY CHARACTER X(15) IN 300):
C313* REIMB-SRC-CD (NON-KEY CHARACTER XXX IN 300):
C314* CUST-ORD-TY (NON-KEY CHARACTER XX IN 300):
C315* REIMB-PROC-CD (NON-KEY CHARACTER X IN 300):
C316* BILL-TY (NON-KEY CHARACTER X(1) IN 300):
C317* FMS-COUNTRY-CD (NON-KEY CHARACTER XX IN 300):

Appendix B--Continued

S2K HISTORY--Continued

C318* FMS-CASE-NO (NON-KEY CHARACTER XXX IN 300):
C319* FMS-LINE-NO (NON-KEY CHARACTER XXX IN 300):
C320* TRMS-NO (NON-KEY CHARACTER X(14) IN 300):
C321* RESR-AMT-CFI (NON-KEY DECIMAL 9(12).99 IN 300):
C322* RESR-HRS-CFI (NON-KEY DECIMAL 9(6).99 IN 300):
C323* RESR-RET-DT (NON-KEY DATE IN 300):
C324* RESR-RET-CD (NON-KEY CHARACTER X IN 300):

C350* RESR-DTL-RECORD (SR IN 300):
C351* RESR-BLK-TKT-NO (NON-KEY CHARACTER X(7) IN 350):
C352* RESR-BLK-TKT-DT (NON-KEY DATE IN 350):
C353* RESR-SYS-DT (NON-KEY DATE IN 350):
C354* RESR-DOCU-DT (NON-KEY DATE IN 350):
C355* RESR-TRAN-CD (NON-KEY CHARACTER XXX IN 350):
C356* RESR-JOUR-VOU-NO (NON-KEY CHARACTER X(6) IN 350):
C357* RESR-AMDT-NO (NON-KEY CHARACTER XX IN 350):
C358* RESR-UPDT-CD (NON-KEY CHARACTER XX IN 350):
C359* QTRLY-CD (NON-KEY CHARACTER X IN 350):
C360* RESR-ACT-AMT-ANL (NON-KEY DECIMAL 9(10).99 IN 350):
C361* RESR-ACT-AMT-QTRLY (NON-KEY DECIMAL 9(10).99 IN 350):

C500* JOB-ORDER-RECORD (SR IN 300):
C501* JO-NO (KEY CHARACTER X(6) IN 500):
C502* JO-COST-CEN-MGR (NON-KEY TEXT X(6) IN 500):
C503* JO-MDEP (NON-KEY CHARACTER X(4) IN 500):
C504* JO-FCA-CD (NON-KEY CHARACTER X(5) IN 500):
C505* JO-MRIS (NON-KEY CHARACTER XXX IN 500):
C506* JO-MON-AMS-REPT-LVL (NON-KEY CHARACTER X(11) IN 500):
C507* MGR-ACTV-CD (NON-KEY CHARACTER X(5) IN 500):
C508* COMD-UNQ-AMS-CD (NON-KEY CHARACTER X(6) IN 500):
C509* JO-WPN-SYS-CD (NON-KEY CHARACTER X(4) IN 500):

C625* COMT-KEY-RECORD (SR IN 500):
C626* COMT-REF-NO (KEY CHARACTER X(14) IN 625):
C627* COMT-SUB-JO-NO (NON-KEY TEXT X(8) IN 625):
C628* COMT-COST-CEN-MGR (NON-KEY TEXT X(6) IN 625):
C629* BULK-CD (NON-KEY CHARACTER X IN 625):
C630* COMT-ORD-TY-CD (NON-KEY CHARACTER X IN 625):
C631* COMT-EOR (NON-KEY CHARACTER X(4) IN 625):
C632* COMT-INFACE-CD (NON-KEY CHARACTER X IN 625):
C633* COMT-SELLER-CD (NON-KEY CHARACTER XX IN 625):
C634* COMT-NSN (NON-KEY CHARACTER X(15) IN 625):
C635* COMT-UM (NON-KEY CHARACTER XX IN 625):
C636* PROC-ACT-NO (NON-KEY CHARACTER X(20) IN 625):
C637* TDO (NON-KEY DATE IN 625):
C638* COMT-AMT-CFI (NON-KEY DECIMAL 9(11).99 IN 625):
C639* COMT-CNTGCY-CFI (NON-KEY DECIMAL 9(11).99 IN 625):
C640* COMT-FYTD (NON-KEY DECIMAL 9(11).99 IN 625):
C641* COMT-OBLG-FYTD (NON-KEY DECIMAL 9(11).99 IN 625):
C642* COMT-EXP-FYTD (NON-KEY DECIMAL 9(11).99 IN 625):

Appendix B--Continued

S2K HISTORY--Continued

C643* COMT-DISB-FYTD (NON-KEY DECIMAL 9(11).99 IN 625):
C644* COMT-RET-DT (NON-KEY DATE IN 625):
C645* COMT-RET-CD (NON-KEY CHARACTER X IN 625)

C675* COMT-DTL-RECORD (SR IN 625):
C676* COMT-BLK-TKT-NO (NON-KEY CHARACTER X(7) IN 675):
C677* COMT-BLK-TKT-DT (NON-KEY DATE IN 675):
C678* COMT-SYS-DT (NON-KEY DATE IN 675):
C679* COMT-DOCU-DT (NON-KEY DATE IN 675):
C680* COMT-TRAN-CD (NON-KEY CHARACTER XXX IN 675):
C681* COMT-JOUR-VOU-NO (NON-KEY CHARACTER X(6) IN 675):
C682* COMT-AMDT-NO (NON-KEY CHARACTER XX IN 675):
C683* COMT-UPDT-CD (NON-KEY CHARACTER XX IN 675):
C684* COMT-QTY (NON-KEY INTEGER 9(9) IN 675):
C685* COMT-ACT-AMT (NON-KEY DECIMAL 9(10).99 IN 675):
C686* COMT-CNTGCY-IND (NON-KEY CHARACTER X IN 675):

C925* OBLG-SUM-RECORD (SR IN 500):
C926* OBLG-SUM-CONCAT-KEY (KEY TEXT X(38) IN 925):
        CONTAINS JO-NO + EOR + OBLG-REF-NO + ACRN + CLIN + OBLG-TY-CD + PROD-IND)
C927* OBLG-JO-NO (NON-KEY CHARACTER X(6) IN 925):
C928* OBLG-EOR (NON-KEY CHARACTER X(4) IN 925):
C929* OBLG-REF-NO (NON-KEY CHARACTER X(18) IN 925):
C930* OBLG-CLIN (NON-KEY CHARACTER X(6) IN 925):
C931* OBLG-ACRN (NON-KEY CHARACTER XX IN 925):
C932* OBLG-TY-CD (NON-KEY CHARACTER X IN 925):
C933* OBLG-COMT-REF-NO (NON-KEY CHARACTER X(14) IN 925):
C934* OBLG-COST-CEN-MGR (NON-KEY TEXT X(6) IN 925):
C935* OBLG-SUB-JO-NO (NON-KEY TEXT X(8) IN 925):
C936* OBLG-IFS-DOCU-NO (NON-KEY TEXT (18) IN 925):
C937* OBLG-PAY-PD-NO (NON-KEY CHARACTER X(14) IN 925):
C938* PROD-IND (NON-KEY CHARACTER X IN 925):
C939* WI-FED-GOVT-CD (NON-KEY CHARACTER X IN 925):
C940* OBLG-NSN (NON-KEY CHARACTER X(15) IN 925):
C941* PROJ-CD (NON-KEY CHARACTER XXX IN 925):
C942* OBLG-UM (NON-KEY CHARACTER XX IN 925):
C943* UPRICE (NON-KEY DECIMAL 9(11).99 IN 925):
C944* OBLG-AMT-CFI (NON-KEY DECIMAL 9(11).99 IN 925):
C945* OBLG-CNTGCY-CFI (NON-KEY DECIMAL 9(11).99 IN 925):
C946* OBLG-QTY-CFI (NON-KEY INTEGER 9(9) IN 925):
C947* OBLG-HRS-CFI (NON-KEY DECIMAL 9(6).99 IN 925):
C948* WT-LBS (NON-KEY INTEGER 9(9) IN 925):
C949* OBLG-FYTD (NON-KEY DECIMAL 9(11).99 IN 925):
C950* EXP-FYTD (NON-KEY DECIMAL 9(11).99 IN 925):
C951* DISB-FYTD (NON-KEY DECIMAL 9(11).99 IN 925):
C952* INVT-AMT-DROP (NON-KEY DECIMAL 9(11).99 IN 925):
C953* INVT-QTY-DROP (NON-KEY INTEGER 9(9) IN 925):
C954* OBLG-RET-DT (NON-KEY DATE IN 925):
C955* OBLG-RET-CD (NON-KEY CHARACTER X IN 925)

Appendix B--Continued

S2K HISTORY--Continued

C975* OBLG-DTL-RECORD (SR IN 925):
C976* OBLG-BLK-TKT-NO (NON-KEY CHARACTER X(7) IN 975):
C977* OBLG-BLK-TKT-DT (NON-KEY DATE IN 975):
C978* OBLG-SYS-DT (NON-KEY DATE IN 975):
C979* OBLG-DOCU-DT (NON-KEY DATE IN 975):
C980* OBLG-TRAN-CD (NON-KEY CHARACTER XXX IN 975):
C981* OBLG-JOUR-VOU-NO (NON-KEY CHARACTER X(6) IN 975):
C982* OBLG-AMDT-NO (NON-KEY CHARACTER XX IN 975):
C983* OBLG-UPDT-CD (NON-KEY CHARACTER XX IN 975):
C984* DEOBLG-PY-CD (NON-KEY CHARACTER X IN 975):
C985* MOD-NO (NON-KEY CHARACTER X(6) IN 975):
C986* OBLG-STAT-CD (NON-KEY CHARACTER X(2) IN 975):
C687* OBLG-CNTGCY-IND (NON-KEY CHARACTER X 975):
C988* DOV-NO (NON-KEY CHARACTER X(6) IN 975):
C989* DOV-DT (NON-KEY DATE IN 975):
C990* DISB-FIN-PRT-CD (NON-KEY CHARACTER X IN 975):
C991* DISB-COUNTRY-CD (NON-KEY CHARACTER XX IN 975):
C992* DSSN (NON-KEY CHARACTER X(4) IN 975):
C993* DELMARS-XMIT-NO (NON-KEY CHARACTER XX IN 975):
C994* INTFUND-BILL-NO (NON-KEY CHARACTER X(6) IN 975):
C995* BILLED-DODAAC (NON-KEY CHARACTER X(6) IN 975):
C996* BILLING-DODAAC (NON-KEY CHARACTER X(6) IN 975):
C997* OBLG-ACT-AMT (NON-KEY DECIMAL 9(10).99 IN 975):
C998* EXP-ACT-AMT (NON-KEY DECIMAL 9(10).99 IN 975):
C999* DISB-ACT-AMT (NON-KEY DECIMAL 9(10).99 IN 975):
C1000* DISC-ACT-AMT (NON-KEY DECIMAL 9(10).99 IN 975):
C1001* INVT-ACT-AMT (NON-KEY DECIMAL 9(10).99 IN 975):
C1002* OBLG-EXP-DISB-QTY (NON-KEY INTEGER 9(9) IN 975):
C1003* ACPT-QTY-CFI (NON-KEY INTEGER 9(9) IN 975):
C1004* RECPT-QTY-CFI (NON-KEY INTEGER 9(9) IN 975):
C1005* OBLG-HRS (NON-KEY DECIMAL 9(6).99 IN 975):

C1350* ADV-SUM-RECORD (SR IN 500):
C1351* ADV-OBLG-REF-NO (NON-KEY CHARACTER X(18) IN 1350):
C1352* ADV-PROJ-ACCT (NON-KEY CHARACTER XXX IN 1350):
C1353* ADV-COST-CEN-MGR (NON-KEY TEXT X(6) IN 1350):
C1354* ADV-EOR (NON-KEY CHARACTER X(4) IN 1350):
C1355* EMPL-CD (NON-KEY CHARACTER X IN 1350):
C1356* ADV-AMT (NON-KEY DECIMAL 9(11).99 IN 1350):
C1357* ADV-RET-DT (NON-KEY DATE IN 1350):
C1358* ADV-RET-CD (NON-KEY CHARACTER X IN 1350)

C1360 ADV-DTL-RECORD (SR IN 1350):
C1361* ADV-BLK-TKT-NO (NON-KEY CHARACTER X(7) IN 1360):
C1362* ADV-BLK-TKT-DT (NON-KEY DATE IN 1360):
C1363* ADV-SYS-DT (NON-KEY DATE IN 1360):
C1364* ADV-DOCU-DT (NON-KEY DATE IN 1360):
C1365* ADV-TRAN-CD (NON-KEY CHARACTER XXX IN 1360):
C1366* ADV-JOUR-VOU-NO (NON-KEY CHARACTER X(6) IN 1360):
C1367* ADV-UPDT-CD (NON-KEY CHARACTER XX IN 1360):
C1368* ADV-ORD-NO-AMD (NON-KEY CHARACTER X(14) IN 1360):

Appendix B--Continued

S2K HISTORY--Continued

C1369* ADV-RECOUP-VOU-NO (NON-KEY CHARACTER X(6) IN 1360):
C1370* ADV-DSSN (NON-KEY CHARACTER X(4) IN 1360):
C1371* ADV-DELMARS-XMIT-NO (NON-KEY CHARACTER XX IN 1360):
C1372* ADV-RECOUP-ACT-AMT (NON-KEY DECIMAL 9(10).99 IN 1360):

C1375* MIL-LBR-CONTR-RECORD (SR IN 500):
C1376* JO-MIL-LBR-SUB-JO-NO (NON-KEY TEXT X(08) IN 1375):   (MATCHING CRITERIA)
C1377* JO-MIL-LBR-COST-CEN-MGR (NON-KEY TEXT (08) IN 1375): (MATCHING CRITERIA)
C1378* JO-MIL-LBR-ENL-CFI (NON-KEY DECIMAL 9(11).99 IN 1375):
C1379* JO-MIL-LBR-OFC-CFI (NON-KEY DECIMAL 9(11).99 IN 1375):
C1380* JO-MIL-LBR-HRS-CFI (NON-KEY DECIMAL 9(06).99 IN 1375):
C1381* JO-CONTR-HRS-CFI (NON-KEY DECIMAL 9(06).99 IN 1375):

C1400* REIMB-KEY-RECORD (SR IN 300):
C1401* REIMB-CUST-ORD-NO (KEY CHARACTER X(15) IN 1400):
C1402* SRC-EARN-CD (NON-KEY CHARACTER XX IN 1400):
C1403* REIMB-ACCT-CLAS (NON-KEY TEXT X(65) IN 1400):
C1404* REIMB-NSN (NON-KEY CHARACTER X(15) IN 1400):
C1405* REIMB-UM (NON-KEY CHARACTER XX IN 1400):
C1406* REIMB-PROJ-ACCT (NON-KEY CHARACTER X(3) IN 1400):
C1407* ORD-REC-CFI (NON-KEY DECIMAL 9(11).99 IN 1400):
C1408* REIMB-ADV-REC-CFI (NON-KEY DECIMAL 9(11).99 IN 1400):
C1409* MIL-LBR-OFC-CFI (NON-KEY DECIMAL 9(11).99 IN 1400):
C1410* MIL-LBR-ENL-CFI (NON-KEY DECIMAL 9(11).99 IN 1400):
C1411* UNFND-CIV-RET-CFI (NON-KEY DECIMAL 9(11).99 IN 1400):
C1412* REIMB-TRF-CFI (NON-KEY DECIMAL 9(11).99 IN 1400):
C1413* REIMB-ORD-REC-QTY-CFI (NON-KEY INTEGER 9(9) IN 1400):
C1414* REIMB-RET-DT (NON-KEY DATE IN 1400):
C1415* REIMB-RET-CD (NON-KEY CHARACTER X IN 1400):

C1450* REIMB-DTL-RECORD (SR IN 1400):
C1451* REIMB-BLK-TKT-NO (NON-KEY CHARACTER X(7) IN 1450):
C1452* REIMB-BLK-TKT-DT (NON-KEY DATE IN 1450):
C1453* REIMB-SYS-DT (NON-KEY DATE IN 1450):
C1454* REIMB-DOCU-DT (NON-KEY DATE IN 1450):
C1455* REIMB-TRAN-CD (NON-KEY CHARACTER XXX IN 1450):
C1456* REIMB-JOUR-VOU-NO (NON-KEY CHARACTER X(6) IN 1450):
C1457* REIMB-AMDT-NO (NON-KEY CHARACTER XX IN 1450):
C1458* REIMB-UPDT-CD (NON-KEY CHARACTER XX IN 1450):
C1459* BILL-NO (NON-KEY CHARACTER X(6) IN 1450):
C1460* REIMB-BILLED-DODAAC (NON-KEY CHARACTER X(6) IN 1450):
C1961* REIMB-BILLING-DODAAC (NON-KEY CHARACTER X(6) IN 1450):
C1462* COLL-VOU-NO (NON-KEY CHARACTER X(6) IN 1450):
C1463* REIMB-DSSN (NON-KEY CHARACTER X(4) IN 1450):
C1464* REIMB-DELMARS-XMIT-NO (NON-KEY CHARACTER XX IN 1450):
C1465* ORD-ACT-AMT (NON-KEY DECIMAL 9(10).99 IN 1450):
C1466* EARN-ACT-AMT (NON-KEY DECIMAL 9(10).99 IN 1450):
C1467* BILL-ACT-AMT (NON-KEY DECIMAL 9(10).99 IN 1450):
C1468* COLL-ACT-AMT (NON-KEY DECIMAL 9(10).99 IN 1450):
C1469* UNFND-ACT-AMT (NON-KEY DECIMAL 9(10).99 IN 1450):

Appendix B--Continued

S2K HISTORY--Continued

C1470* BOR-CEILING (NON-KEY DECIMAL 9(10).99 IN 1450):
C1471* REIMB-QTY (NON-KEY INTEGER 9(9) IN 1450):

Appendix B--Continued

S2K INTERFUND SUSPENSE ACCOUNT

C0* HEADER RECORD:
C1* DOC-NO (CHAR X(14)):
C2* SUSPENDED-AMT (NON-KEY DECIMAL NUMBER 9(13).99):

C100* ISAC-BLKT-RECORD (RECORD):
C101* SOMABLKT-KEY (CHAR X(23) IN 100):
C102* BILL-NO (CHAR X(5) IN 100):
C103* ISAC-CD (NON-KEY CHAR XX IN 100):
C104* REJ-DT (NON-KEY DATE IN 100):
C105* REJ-AMT (NON-KEY DECIMAL NUMBER 9(13).99 IN 100):
C106* REJ-QTY (NON-KEY INTEGER NUMBER 9(9) IN 100):
C107* DETAIL-BILLING-RECORD (NON-KEY TEXT X(80) IN 100):
C108* SUMMARY-BILLING-RECORD (NON-KEY TEXT X(80) IN 100):

Appendix B--Continued

S2K LABOR MASTER

C0* EMPLOYEE HEADER RECORD:
C1* SSAN (CHAR X(9)):
C2* PAYRL-INFACE-IND (NON-KEY CHAR X):
C3* CMD-DSG (NON-KEY CHAR X):
C4* EMPL-NAME (NON-KEY TEXT X(27)):
C5* RANK (NON-KEY CHAR XX):
C6* ACCT-EFF-DT (NON-KEY DATE):
C7* SEP-DT (NON-KEY DATE):
C8* TDA-JO-NO (NON-KEY CHAR X(6)):
C9* TDA-SUB-JO-NO (NON-KEY CHAR X(8)):
C10* ASSIGNED-CCM (NON-KEY CHAR X(6)):
C11* STD-JO-NO-1 (NON-KEY CHAR X(6)):
C12* STD-SUB-JO-NO-1 (NON-KEY CHAR X(8)):
C13* CCM-STD-JO-NO-1 (NON-KEY CHAR X(6)):
C14* PCT-JO-NO-1 (NON-KEY INTEGER NUMBER 999):
C15* STD-JO-NO-2 (NON-KEY CHAR X(6)):
C16* STD-SUB-JO-NO-2 (NON-KEY CHAR X(8)):
C17* CCM-STD-JO-NO-2 (NON-KEY CHAR X(6)):
C18* PCT-JO-NO-2 (NON-KEY INTEGER NUMBER 999):
C19* STD-JO-NO-3 (NON-KEY CHAR X(6)):
C20* STD-SUB-JO-NO-3 (NON-KEY CHAR X(8)):
C21* CCM-STD-JO-NO-3 (NON-KEY CHAR X(6)):
C22* PCT-JO-NO-3 (NON-KEY INTEGER NUMBER 999):
C23* LV-JO-NO-1 (NON-KEY CHAR X(6)):
C24* LV-SUB-JO-NO-1 (NON-KEY CHAR X(8)):
C25* CCM-LV-JO-NO-1 (NON-KEY CHAR X(6)):
C26* PCT-LV-JO-NO-1 (NON-KEY INTEGER NUMBER 999):
C27* LV-JO-NO-2 (NON-KEY CHAR X(6)):
C28* LV-SUB-JO-NO-2 (NON-KEY CHAR X(8)):
C29* CCM-LV-JO-NO-2 (NON-KEY CHAR X(6)):
C30* PCT-LV-JO-NO-2 (NON-KEY INTEGER NUMBER 999):
C31* LV-JO-NO-3 (NON-KEY CHAR X(6)):
C32* LV-SUB-JO-NO-3 (NON-KEY CHAR X(8)):
C33* CCM-LV-JO-NO-3 (NON-KEY CHAR X(6)):
C34* PCT-LV-JO-NO-3 (NON-KEY INTEGER NUMBER 999):
C35* CASH-AWD-JO-NO (NON-KEY CHAR X(6)):
C36* CASH-AWD-SUB-JO-NO (NON-KEY CHAR X(8)):
C37* CCM-CASH-AWD-JO-NO (NON-KEY CHAR X(6)):
C38* CASH-AWD-IFS-DOCU-NO (NON-KEY CHAR X(18)):
C39* LV-ACCR-APPL-CD (NON-KEY CHAR X):
C40* ANL-LV-BAL (NON-KEY DECIMAL NUMBER 9999.99):
C41* PAYRL-OFC-ID (NON-KEY CHAR X(6)):
C42* FISC-STA-NO (NON-KEY CHAR X(6)):
C43* GEOGRAPHIC-LOC-CD (NON-KEY CHAR X(9)):
C44* EMPL-TY-CD (NON-KEY CHAR X):
C45* GRADE-IND (NON-KEY CHAR X):
C46* WORK-SCHED (NON-KEY CHAR X):
C47* TEMP-POS-CD (NON-KEY CHAR X):
C48* CIV-TY (NON-KEY CHAR XXX):
C49* PR-CON-NO (NON-KEY CHAR XX):
C50* MANL-LBR-EXCEP-SWTCH (NON-KEY CHAR X):
C51* EXCEP-IND-CUR (NON-KEY CHAR X):
C52* EXCEP-IND-NEXT (NON-KEY CHAR X):

Appendix B--Continued

S2K LABOR MASTER--Continued

C53* DAILY-LBR-HRS-PROC-CUR (NON-KEY DECIMAL NUMBER 999.99):
C54* DAILY-LBR-HRS-PROC-NEXT (NON-KEY DECIMAL NUMBER 999.99):
C55* BASE-HRS (NON-KEY INTEGER NUMBER 999):
C56* REG-HRLY-RAT (NON-KEY DECIMAL NUMBER 999.99):
C57* OT-HRLY-RAT (NON-KEY DECIMAL NUMBER 999.99):
C58* PREM-STDBY-RAT (NON-KEY DECIMAL NUMBER 999.99):
C59* AVAIL-PAY (NON-KEY DECIMAL NUMBER 999.99):

C200* LBR-PHANTOM-RECORD (RECORD):
C201* SSAN-PHANTOM (NON-KEY CHAR X(9) IN 200):

C300* RECURRING-PAY-RECORD (RECORD IN 200):
C301* GP-TY-HRS (NON-KEY CHAR XXXX IN 300):
C302* RECUR-AMT (NON-KEY DECIMAL NUMBER 9(5).99 IN 300):

C600* EXCEPTION-KEY-RECORD (RECORD):
C601* EXCEP-CONCAT-KEY (CHAR X(21) IN 600):
C602* EXCEP-HRS-TOT (NON-KEY DECIMAL NUMBER 999.99 IN 600):
C603* EXCEP-REC-TOT (NON-KEY INTEGER NUMBER 999 IN 600):

C625* EXCEPTION-DTL-RECORD (RECORD IN 600):
C626* EXCEP-PAY-PD-END-DT (NON-KEY DATE IN 625):
C627* EXCEP-TY-HRS (NON-KEY CHAR XX IN 625):
C628* EXCEP-JO-NO (NON-KEY CHAR X(6) IN 625):
C629* EXCEP-SUB-JO-NO (NON-KEY CHAR X(8) IN 625):
C630* EXCEP-IFS-DOCU-NO (NON-KEY TEXT X(18) IN 625):
C631* EXCEP-TASK-CD (NON-KEY CHAR X(5) IN 625):
C632* EXCEP-REPORTING-CCM (NON-KEY CHAR X(6) IN 625):
C633* EXCEP-RAT-CD (NON-KEY CHAR X IN 625):
C634* EXCEP-EQUIP-CD (NON-KEY CHAR XXX IN 625):
C635* EXCEP-EQUIP-HRS (NON-KEY DECIMAL NUMBER 999.99 IN 625):
C636* EXCEP-EQUIP-HRS-PROC (NON-KEY DECIMAL NUMBER 999.99 IN 625):
C637* EXCEP-HRS-PROC (NON-KEY DECIMAL NUMBER 999.99 IN 625):
C638* EXCEP-HRS (NON-KEY DECIMAL NUMBER 999.99 IN 625):
C639* EXCEP-UNIT (NON-KEY INTEGER NUMBER 9(5) IN 625):
C640* EXCEP-TRNS-CD (NON-KEY CHAR XXX IN 625):
C641* EXCEP-SYS-DT (NON-KEY DATE IN 625):

C700* YEAREND-HDR-RECORD (RECORD):
C701* YR-END-CONCAT-KEY (CHAR X(22) IN 700):
C702* YR-END-REC-TOT (NON-KEY INTEGER NUMBER 999 IN 700):
C703* YR-END-HRS-TOT (NON-KEY DECIMAL NUMBER 999.99 IN 700):
C704* YR-END-AMT-TOT (NON-KEY DECIMAL NUMBER 9(5).99 IN 700):

Appendix B--Continued

S2K LABOR MASTER--Continued

C725* YEAREND-DTL-RECORD (RECORD IN 700):
C726* YR-END-REPORTING-CCM (NON-KEY CHAR X(6) IN 725):
C727* YR-END-JO-NO (NON-KEY CHAR X(6) IN 725):
C728* YR-END-SUB-JO-NO (NON-KEY CHAR X(8) IN 725):
C729* YR-END-EOR (NON-KEY CHAR XXXX IN 725):
C730* YR-END-COMT-REF-NO (NON-KEY CHAR X(14) IN 725):
C731* YR-END-PAY-PD-NO (NON-KEY CHAR X(14) IN 725):
C732* YR-END-IFS-DOCU-NO (NON-KEY TEXT X(18) IN 725):
C733* YR-END-TASK-CD (NON-KEY CHAR X(5) IN 725):
C734* YR-END-TRNS-CD (NON-KEY CHAR XXX IN 725):
C735* YR-END-UNIT (NON-KEY INTEGER NUMBER 9(5) IN 725):
C736* YR-END-HRS (NON-KEY DECIMAL NUMBER 999.99 IN 725):
C737* YR-END-AMT (NON-KEY DECIMAL NUMBER 9(5).99 IN 725):

Appendix C

CCSS COMMAND DESIGNATORS

SOMARDS REGION	CMD DSG	AGENCY
S6 & AX	B	Soldier Biological and Chemical Command (SBCCOM) at Natick, Ma.
	C	Communications and Electronics Command (Vint Hill Farms)
	D	Army War Reserve Support Command (AWRSC), co-located with Operations Support Command (OSC)
	E	Army War Reserve Support Command (AWRSC), co-located with OSC
	F	Army Support Office (ARSO), SBCCOM
C4	G	Communications and Electronics Command
AX	H	Aviation and Missile Command - Air Systems (AMCOM-Air)
I7	I	Army Research Laboratory (ARL)
	J	Army War Reserve Support Command (AWRSC), co-located with OSC
EH	K	Tank Automotive and Armaments Command - Warren (TACOM-W)
D2	L	Aviation and Missile Command - Missile Systems (AMCOM-Missile)
M2	L	Logistics Systems Support Center (LSSC), co-located with OSC)
M1	M	Tank Automotive and Armaments Command - Rock Island (TACOM-RI)
M2	M	OSC
	N	Army War Reserve Support Command (AWRSC), co-located with OSC
A3	O	United States Army Security Assistance Command (USASAC)
XR, M1, and M2	P	Armament Research, Development, and Engineering Center (ARDEC)
EK	P	Headquarters, Army Materiel Command (HQAMC)
	Q	Army War Reserve Support Command (AWRSC), co-located with OSC
	R	Army War Reserve Support Command (AWRSC), co-located with OSC
*S6	S	Aberdeen
K1	T	Army War Reserve Support Command (AWRSC), co-located with OSC
K1	U	Yuma Proving Grounds
K1	V	Dugway
L4	W	White Sands Missile Range
EK	W	Simulation, Training and Instrumentation Command (STRICOM)
M2	Y	Depot Systems Command (DESCOM), co-located with OSC
I7	X	Army Research Office (ARO), co-located with ARL
AX	Z	BRDEC, Belvoir
	Z	Non-Army Managed Item (NAMI) Corporate Business Unit (CBU), TACOM-RI
	1 to 9	Non-Army Managed Item (NAMI) Corporate Business Unit (CBU), TACOM-RI
M2	1	Industrial Logistics Systems Center (ILSC), co-located with OSC
*S6	7	Soldier Biological and Chemical Command (SBCCOM) at Edgewood, MD

Appendix D

LABOR TYPE HOUR AND PROCESSING GROUP CODES

D-1. During the processing of System ID 1974, the DCPS GRCs are converted to SOMARDS' type hour codes and are identified to an SOMARDS' processing group.

   a. Processing group 1 contains Base hours. Base hours consist of productive hours of 01 and non-productive hours of 0A, 0D, 0H, 0K, and 0T. Productive exception hours are processed first with any remaining productive hours distributed to the STD-JO-NOs. For non-productive hours, exceptions are again processed first with any remaining hours distributed to the LV-JO-NOs.

GRC	Description	SOMARDS TY-HRS
PB	LUMP SUM - ADVANCED LEAVE	01
PF	LUMP SUM - ADVANCED SICK	01
RA	REGULAR (ADJUSTMENTS)	01
RB	REGULAR ENTITLEMENT - CALLBACK OT CONVERTED	01
RC	REGULAR ENTITLEMENT - CALLBACK COMP CONVERTED	01
RF	REGULAR, FIRST SHIFT (WAGE GRADE)	01
RG	REGULAR (GRADED)	01
RN	REGULAR FIREFIGHTER – PAID NOT WORKED	01
RO	REGULAR ENTITLEMENT - OT OR COMP CONVERTED	01
RP	REGULAR ENTITLEMENT - COMP TIME CONVERTED	01
RS	REGULAR, SECOND SHIFT (WAGE GRADE)	01
RT	REGULAR, THIRD SHIFT (WAGE GRADE)	01
RX	REGULAR, CREATED FOR EMERGENCY	01
SG	SUNDAY WORK (GRADED)	01
SF	SUNDAY WORK, FIRST SHIFT (WAGE GRADE)	01
SS	SUNDAY WORK, SECOND SHIFT (WAGE GRADE)	01
ST	SUNDAY WORK, THIRD SHIFT (WAGE GRADE)	01
SO	SUNDAY WORK, OVERTIME CONVERTED	01
UA	REEMPLOYED ANNUITANT OFFSET	01
ZG	SHIFT DIFFERENTIAL, SECOND SHIFT (WAGE GRADE)	01
ZH	SHIFT DIFFERENTIAL, THIRD SHIFT (WAGE GRADE)	01
ZL	FOREIGN LANGUAGE PROFICIENCY PAY	01
Y9	POST SEPARATION - COP ENTITLEMENT	01
LA	ANNUAL LEAVE	0A
LB	ADVANCED ANNUAL	0A
LD	DONATED LEAVE	0A
LF	FORCED ANNUAL	0A
LP	ANNUAL, RESTORED #3	0A
LQ	ANNUAL, RESTORED #2	0A
LR	ANNUAL, RESTORED #1	0A
LS	SICK	0D
LG	ADVANCED SICK	0D
HC	HOLIDAY CALLBACK	0H
HG	HOLIDAY (GRADED)	0H
HF	HOLIDAY WORK, FIRST SHIFT (WAGE GRADE)	0H
HS	HOLIDAY WORK, SECOND SHIFT (WAGE GRADE)	0H
HT	HOLIDAY WORK, THIRD SHIFT (WAGE GRADE)	0H
LH	HOLIDAY	0H
LC	COURT	0K

Appendix D--Continued

GRC	Description	SOMARDS TY-HRS
LI	MILITARY (DC GUARD)	0K
LJ	SHORE	0K
LK	HOME	0K
LL	LAW ENFORCEMENT	0K
LM	MILITARY	0K
LN	ADMINISTRATIVE	0K
LT	TRAUMATIC INJURY	0K
LU	DATE/TRAUMATIC INJURY	0K
LV	EXCUSED ABSENCE	0K
LW	EDUCATOR-IN-SCHOOL BREAKS	0K
LX	**NON-WORK PAID (INJURY/DEATH)**	**0K**
LY	TIME OFF LEAVE AWARD	0K

GRC	Description	SOMARDS TY-HRS
CA	RELIGIOUS TIME TAKEN	0T
CN	CREDIT HOURS TAKEN	0T
CT	COMPENSATORY TIME TAKEN	0T

    b.   Processing group 2 contains PREM-STBY-HRS (firefighters, EMPL-TY-CD F, X, or G only). PREM-STBY-HRS are distributed to productive and non-productive JO-NOs in the same way they were distributed in processing group 1.

GRC	SOMARDS Description	TY-HRS
YT	STANDBY PREMIUM	04

    c. Processing group 3 contains the fringe benefits. The fringe benefits are distributed to productive and non-productive JO-NOs in the same way they were distributed in processing group 1.

GRC	Description	SOMARDS TY-HRS
PH	LUMP SUM - POST DIFF - NON FOREIGN	0E
PI	LUMP SUM - POST DIFF - FOREIGN	0E
PP	LUMP SUM - DANGER PAY	1C
P2	LUMP SUM - POST ALLOWANCE	0B
UB	RETIREMENT - CSRS	0J
UC	RETIREMENT - FERS	0M
UD	TSP - BASIC	0Y
UF	MEDICARE	0U
UG	FEGLI	0N
UH	FEHBI	0P
UI	TSP	0Y
UJ	FICA	0L
UK	EMPLOYER CONT - SERS	0J
UM	RETIREMENT - 401K	0I
UP	SEGURO - HEALTH	1M
US	SEGURO - SOCIAL	1N
UU	RETIREMENT - NAF	0I

Appendix D--Continued

GRC	Description	SOMARDS TY-HRS
YC	COST OF LIVING ALLOWANCE	1A
YD	POST DIFFERENTIAL - NON FOREIGN	0E
YE	LIVING QUARTERS ALLOWANCE	0B
YF	POST ALLOWANCE	0B
YG	POST DIFFERENTIAL - FOREIGN	0E
YH	SEPARATE MAINT-ALLOWANCE	0B
YI	SUPPLEMENTAL POST ALLOWANCE	0B
YJ	TEMPORARY LODGING ALLOWANCE	0B
YK	TROPICAL DIFFERENTIAL	0Q
YL	BENEFIT ALLOWANCE - GTMO	0B
YM	PHYSICIANS ALLOWANCE	0F
YR	DANGER PAY	1C
Y1	TRANSFER ALLOWANCE	0B
Y2	EDUCATION ALLOWANCE/TRAVEL	0B
Y3	STAFFING DIFFERENTIAL	1D
Y4	RETENTION ALLOWANCE	1E
Y5	SUPERVISORY DIFFERENTIAL	1F
Y8	FOREIGN LANGUAGE CAPABILITY	1G
Z3	IMMINENT DANGER PAY	1C

d. Processing group 4 contains all overtime hours and amounts. Exception hours are processed first with any remaining hours distributed to the STD-JO-NOs.

GRC	Description	SOMARDS TY-HRS
OA	ADDITIONAL FLSA HOURS	0R
OC	OVERTIME CALLBACK	02
ON	OVERTIME SCHEDULED/NOT WORKED	02
OS	OVERTIME SCHEDULED	02
OU	OVERTIME UNSCHEDULED	02
OX	OVERTIME UNSCHEDULED EXCEPT	02
OZ	OVERTIME	02
PL	LUMP SUM - ADMIN UNCONT PREM	02
YU	ADMIN UNCONTROLLABLE OVERTIME PREM	02
YY	EXTRACURRICULAR (TEACHERS)	02
ZF	HOLIDAY PREMIUM	05

e. Group 5 contains premium rates. Premium amounts are distributed to the productive JO-NOs that were charged by the type hours of 01. Records will contain zero hours.

GRC	Description					SOMARDS TY-HRS
ND	NIGHT DIFFERENTIAL					03
ZE	SUNDAY PREMIUM					06
	ENVIRONMENTAL (GS-PAY STATUS/WG ACTUAL EXPOSURE)					07
EA	FLYING	GS	25%	WG	100%	
EB	HIGH WORK	GS	25%	WG	25%	
EC	FLOATING TARGETS	GS	--	WG	15%	
ED	DIRTY WORK	GS	--	WG	4%	
EE	COLD WORK	GS	--	WG	4%	

Appendix D—Continued

GRC	Description				SOMARDS TY-HRS
EF	HOT WORK	GS	4%	WG	4%
EG	WELDING PREHEATED METALS	GS	--	WG	4%
EH	MICRO-SOLDERING/WIRE WELD	GS	--	WG	4%
EK	EXPOSURE HAZ WEATHER/TERRAIN	GS	25%	WG	25%
EL	UNSHORED WORK	GS	25%	WG	25%
EM	WORK UNDER HOVER HELI	GS	25%	WG	15%
EN	HAZ BOARD/LEAVE SURFCE CRAFT	GS	25%	WG	15%
EP	CARGO HANDLING LIGHTED OPS	GS	25%	WG	8%
EQ	DIVING EXTRA HAZARDOUS	GS	25%	WG	8%
ER	DUTY ABOARD SURFACE CRAFT	GS	25%	WG	15%
ES	WORK AT EXTREME HEIGHTS	GS	--	WG	50%
ET	FIBROUS GLASS WORK	GS	--	WG	6%
EV	HIGH VOLTAGE ELECT ENERGY	GS	--	WG	50%
EW	WELD, CUT OR BURN CONFINED	GS	--	WG	6%
	GS/WG PAY STATUS				
FA	DUTY ABOARD SUBMERGED VESSEL	GS	25%	WG	50%
FB	EXPLOSIVES INCENDIARY- HIGH	GS	25%	WG	8%
FC	EXPLOSIVES INCENDIARY- LOW	GS	--	WG	4%
FD	POISONS (TOXIC CHEM)-HIGH	GS	25%	WG	8%
FE	POISONS (TOXIC CHEM)-LOW	GS	--	WG	4%
FF	MICRO-ORGANISMS-HIGH	GS	25%	WG	8%
FG	MICRO-ORGANISMS-LOW	GS	--	WG	4%
FH	PRESSURE CHA/CENTRIFUGAL	GS	25%	WG	8%
FI	THERMAL CHAMBER	GS	25%	WG	--
FK	WORK IN FUEL STORAGE TNK	GS	25%	WG	8%
FL	FIREFIGHTING-HIGH DEGREE	GS	25%	WG	25%
FM	FIREFIGHTING-LOW DEGREE	GS	25%	WG	8%
FN	EXPER LANDNG/RECOVERY EQ TST	GS	25%	WG	8%
FP	LAND IMPACT/PAD ABORT SPCE	GS	25%	WG	8%
FQ	DIVING – SKIN	(MG-10/2)			4%
FR	MASS EXPLOSIVES/INCEN MATL	GS	--	WG	4%
FS	DUTY ABOARD AIRCRAFT CARRIER	GS	25%	WG	4%
FT	PART IN MISSLE LIQID/ SOLID PROPULSION SITUATIONS	GS	25%	WG	8%
FU	DIVER TENDER	GS	--	WG	100%
FV	ASBESTOS	GS	8%	WG	8%
FW	DIVING	GS	25%	WG	175%**
FX	WORKING PRESSURIZED SONAR	GS	8%	WG	--
FY	WORKING NONPRESSURIZED SONAR	GS	4%	WG	--
FZ	EXPERT PARACHUTE JUMPS	GS	25%	WG	--

** 175% OF WAGE GRADE 10 STEP 2 UNLESS REGULAR RATE IS HIGHER
MG FOR PANAMA (LIKE WG AT 10/2 RATE)

    f. Processing group 6 consists of awards and allowances. These amounts are distributed to the STD-JO-NOs. When the TY-HRS equal 0C and the S2K.LBRM CASH-AWD-JO-NO is filled, the amount will be distributed to that JO-NO.   If the TY-HRS equal 0C and the S2K.LBRM CASH-AWD-JO-NO is not filled, the STD-JO-NOs will be charged.

Appendix D—Continued

GRC	Description	SOMARDS TY-HRS
PK	LUMP SUM - STANDBY PREMIUM	0S
YA	PRODUCTIVITY AWARDS	1J
YB	INTEREST ON BACK PAY AWARDS	0O
YO	RECRUITMENT INCENTIVE	0C
YS	INCENTIVE PAY AWARD (VSIP)	0V
YT	STANDBY PAY	0S
YV	BENEFICIAL SUGGESTION	0C
YW	INCENTIVE AWARD	0C
YX	MERIT PAY AWARDS	1J
YZ	EXTRA DUTY (DORM SUPRV)	0S
Y6	RECRUITMENT BONUS	1L
Y7	RELOCATION BONUS	1K
Z1	FRINGE BENEFITS	0S
Z2	JROTC SUPPLEMENTAL PAY	0S

g. Processing group 7 contains severance pay. Severance pay is distributed to STD-JO-NOs.

GRC	Description	SOMARDS TY-HRS
YP	SEVERANCE PAY	0G

h. Processing group 8 contains lump sum leave payments (base hours must be greater than 0). These payments are distributed to the LV-JO-NOs.

GRC	Description	SOMARDS TY-HRS
PA	LUMP SUM - ANNUAL	0W
PC	LUMP SUM - RESTORED #3	0W
PD	LUMP SUM - RESTORED #2	0W
PE	LUMP SUM - RESTORED #1	0W
PG	LUMP SUM - COST OF LIVING ALLOWANCE	0W
PJ	LUMP SUM - TROPICAL	0W
PM	LUMP SUM - SECOND SHIFT	0W
PN	LUMP SUM - THIRD SHIFT	0W
PO	LUMP SUM - GUAM INCENTIVE	0W
PR	FINAL PAY - CREDIT HOURS	0W
PS	FINAL PAY - COMPENSATORY	0W
PT	FINAL PAY - RELIGIOUS COMPENSATORY	0W
PU	FINAL PAY - ADVANCED RELIGIOUS COMP	0W
P1	FINAL PAY - ADVANCED TIME OFF AWARD	0W

i. Processing group 9 contains compensatory leave earned. When no exceptions are entered, the STD-JO-NOs are debited and the LV-JO-NO(s) are credited. When exceptions are entered, the exception JO-NOs are debited and the LV-JO-NOs are credited.

Appendix D--Continued

GRC	Description	SOMARDS TY-HRS
CC	COMPENSATORY TIME CALLBACK	08
CE	COMPENSATORY TIME EARNED	08
CD	CREDIT HOURS EARNED	08
CR	RELIGIOUS TIME EARNED	08

j. Processing group 10 contains compensatory leave paid. If compensatory leave is not taken, it is converted to overtime and distributed to the LV-JO-NOs.

GRC	Description	SOMARDS TY-HRS
P3	**AGED COMPENSATORY TIME PAID**	**09**

k. Group 11 contains non-paid leave hours. Exceptions containing the type hours for non-paid leave are processed first. Any remaining hours are processed using the SOMAUNIQ CMD-NON-PD-LV-JO or TDA-JO-NO.

GRC	Description	SOMARDS TY-HRS
KA	LEAVE WITHOUT PAY (LWOP)	KA
KB	SUSPENSION	KB
KC	ABSENT WITHOUT LEAVE (AWOL)	KC
KD	OFFICE OF WORKER COMPENSATION PROGRAM (OWCP)	KD
KE	FURLOUGH	KE
KF	NON DUTY WITH REGULAR SCHEDULE	KF
KG	MILITARY FURLOUGH (CALLED TO ACTIVE DUTY)	KG

l. Processing group 12 consists of availability premium pay. Availability premium pay is distributed to any existing overtime exceptions first with the remainder distributed to productive TY-HRS exceptions (01, 04, 05 and 08). If no exceptions exist, availability premium pay is distributed to STD-JO-NOs.

GRC	Description	SOMARDS TY-HRS
ZM	AVAILABILITY PREMIUM PAY	1P
PW	LUMP SUM - AVAILABILITY PREMIUM PAY	1P

m. Processing group 1B contains remote site allowances. When exceptions are entered, the exceptions are processed first with any remainder distributed to STD-JO-NOs.

GRC	Description	SOMARDS TY-HRS
YN	REMOTE SITE ALLOWANCE	00

Appendix E

LABOR TYPE HOUR DEFINITION

TY-HRS	Work Type
0A	Annual Leave
0B	Overseas Allowance
0C	Cash Awards
0D	Sick Leave
0E	Insurance Foreign Differential
0F	Physicians Allowance
0G	Severance Pay
0H	Holiday Leave
0I	401K and Non-Appropriate Fund Retirement
0J	Civil Service Retirement System
0K	Other Leave
0L	Federal Insurance Contributions Act
0M	Federal Employee's Retirement
0N	Federal Employee Government Life Insurance
0O	Interest on Back Pay Awards
0P	Federal Employee Health Insurance
0Q	Tropical Differential
0R	Other Pay
0S	Standby Pay
0T	Compensatory Leave
0U	Medicare
0V	Separation Incentive Pay
0W	Terminal Lump Sum Leave
0Y	Thrift Savings Plan
0Z	Thrift Savings Plan Fiduciary
00	Remote Site Allowance
01	Regular Work
02	Overtime
03	Night Differential
04	Premium Standby
05	Holiday Worked
06	Sunday Premium
07	Hazardous Duty
08	Compensatory Leave Earned
09	Compensatory Leave Hours Paid
1A	Cost of Living Allowance
1C	Danger Pay
1D	Staffing Differential
1E	Retention Allowance
1F	Supervisory Differential
1G	Foreign Language Capability
1J	Productivity Awards
1K	Relocation Bonus
1L	Recruitment Bonus
1M	SEGURO-Health
1N	SEGURO-Social
1P	Availability Premium Pay

Appendix E--Continued

TY-HRS	Work Type
KA	Leave without pay (LWOP)
KB	Suspension
KC	Absent without leave (AWOL)
KD	Office of worker compensation program (OWCP)
KE	Furlough
KF	Non duty with regular schedule
KG	Military furlough (called to active duty)

Appendix F

ASSIGNMENT OF TRC AND AMOUNT COMPUTATION

System ID 1922, Output File ID AK.AKHCKF01

F-1. General information regarding processing the S2K.FUND program record (C0).

    a. The process bypasses any record where the PROG-YR equals CCCC or is greater than the SOMAUNIQ SYS-CURR-FY.

    b. A DARPA record is a record where the APROP-SYM is 0400 and the LIMIT equals 11EA, 11EF, 1120, 1301, 25EA, 26EA, or 2501 (for LIMIT 2501, the PROG-YR must be less than 1992).

    c. A GOA record is a record where the GOA-PRON is not spaces or low values, the ASN is 0000, and the FSN is 000000.

    d. When position 17 of the PROG-CON-KEY (the PROG-EXEC-CD) equals 1, A, 2, or 6, then it is considered to control one type of funds. When it equals 1 or A, the SRC-OF-FUNDS equals D; when it is 2, the SRC-OF-FUNDS equals F and when it is 6 the SRC-OF-FUNDS equals A. The SRC-OF-FUNDS for any other value in position 17 of the PROG-CON-KEY equals N.

    e. The following table provides the criteria applied during System ID 1922 processing for the assignment of the TRC and the computation of the amount. Both of these elements will be updated in the SOMAREPT file during subsequent processing. When the APROP equals 4930, TRC 1C, which is assigned during this processing, will be changed to 1E during System ID 1990 processing before the value is updated to the SOMAREPT file.

TRC	ASSIGNMENT CRITERIA	COMPUTED AMOUNT

1A	Not DARPA record
	SRC-OF-FUNDS equals D or N
	PROG-YR:
	  Equals SOMAUNIQ SYS-CURR-FY or
	    is not numeric and APROP is 5095
	Not GOA record
		ANL-PROG-DIR-CFI – ANL-PROG-DIR-NM

1C SEE NOTE ABOVE	Not DARPA record Not GOA record SRC-OF-FUNDS equals D or N	QTRLY-FUNDS-DIR-FYTD + PROG-FUNDS-UNOBLG-BEG-FY
ZB	Not DARPA record Not GOA record SRC-OF-FUNDS equals D or N	SRC-OF-FUNDS D: QTRLY-FUNDS-DIR-CFI – QTRLY-FUNDS-DIR-NM - PROG-OBLG-CFI + PROG-OBLG-NM SRC-OF-FUNDS N: QTRLY-FUNDS-DIR-CFI – QTRLY-FUNDS-DIR-NM

Appendix F--Continued

F-2. General information regarding processing the S2K.FUND resource record (C300).

a. The process selects records where the MGR-RESR-REF-REC equals A, C, D, or Y.

b. When position 17 of the PROG-CON-KEY (the PROG-EXEC-CD) equals 1, A, 2, or 6:

(1) When RESR-TY-FIN-CD equals 2, the SRC-OF-FUNDS equals F.

(2) When RESR-TY-FIN-CD equals 6, the SRC-OF-FUNDS equals A.

(3) When RESR-TY-FIN-CD equals any other value or position 17 of the PROG-CON-KEY equals any other value, the SRC-OF-FUNDS equals D.

c. The following table provides the criteria applied during System ID 1922 processing for the assignment of the TRC and the computation of the amount. Both of these elements will be updated in the SOMAREPT file during subsequent processing. When the APROP equals 4930, TRC 1C, which is assigned during this processing, will be changed to 1E during System ID 1990 processing before the value is updated to the SOMAREPT file.

TRC	ASSIGNMENT CRITERIA	COMPUTED AMOUNT
1A	Not DARPA record and other than (PROG-CON-KEY-17 1, A, 2, 6 and SRC-OF-FUNDS D) and (MGR-RESR-REF-REC equals A or Y or SRC-0F-FUNDS not D) and (PROG-YR equals SOMAUNIQ SYS-CURR-FY or is not numeric and APROP equals 5095)	RESR-ANL-PROG-CFI – RESR-ANL-PROG-NM
1C SEE NOTE ABOVE	Not DARPA record and other than (PROG-CON-KEY-17 1, A, 2, 6 and SRC-OF-FUNDS D) and (MGR-RESR-REF-REC equals A or Y or SRC-0F-FUNDS not D) NOTE: When PROG-CON-KEY-17 not 1, A, 2, 6, the process generates a second output record with TRC 1C and assigns D to SRC-OF-FUNDS	RESR-QTRLY-FUNDS-FYTD + UNOBLG-FD-BEGIN-FY Computation when second record is generated: UNOBLG-FD-BEGIN-FY * -1
AC	DARPA record and MGR-RESR-REF-REC equals A or Y	RESR-QTRLY-FUNDS-FYTD + UNOBLG-FD-BEGIN-FY
AE	DARPA record	UNLIQ-OBLG-BEGIN-FY

Appendix F--Continued

TRC	ASSIGNMENT CRITERIA	COMPUTED AMOUNT
CA	Not DARPA record and other than (PROG-CON-KEY-17 1, A, 2, 6 and SRC-OF-FUNDS D) and (MGR-RESR-REF-REC equals A or Y or SRC-0F-FUNDS not D) and (PROG-YR equals SOMAUNIQ SYS-CURR-FY or is not numeric and APROP equals 5095) and SRC-OF-FUNDS equals F	RESR-QTRLY-FUNDS-FYTD
DA	Not DARPA record and other than (PROG-CON-KEY-17 1, A, 2, 6 and SRC-OF-FUNDS D) and (MGR-RESR-REF-REC equals A or Y or SRC-0F-FUNDS not D) and (PROG-YR equals SOMAUNIQ SYS-CURR-FY or is not numeric and APROP equals 5095) and SRC-OF-FUNDS not F	RESR-QTRLY-FUNDS-FYTD
ZB	Not DARPA record and other than (PROG-CON-KEY-17 1, A, 2, 6 and SRC-OF-FUNDS D)	SRC-OF-FUNDS D or MGR-RESR-REF-REC C or D: (RESR-OBLG-CFI – RESR-OBLG-NM) * -1 OTHERWISE: RESR-QTRLY-FUNDS-CFI – RESR-QTRLY-FUNDS-NM – RESR-OBLG-CFI + RESR-OBLG-NM

F-3.   The following table provides the criteria applied during System ID 1922 processing of the commitment record (C625) for the assignment of the TRC and the computation of the amount. Both of these elements will be updated in the SOMAREPT file during subsequent processing.

TRC	ASSIGNMENT CRITERIA	COMPUTED AMOUNT
1P	Not DARPA record and APROP not expired and APROP equals 0300, 0400, 0500, 2031, 2032, 2033, 2034, 2035 or 2040	COMT-CFI – COMT-NM – COMT-OBLG-CFI + COMT-OBLG-NM

Appendix F--Continued

F-4. The following table provides the criteria applied during System ID 1922 processing of the EOR record (C725) for the assignment of the TRC and the computation of the amount. Both of these elements will be updated in the SOMAREPT file during subsequent processing.

TRC	ASSIGNMENT CRITERIA	COMPUTED AMOUNT
1D	Not DARPA record and EOR-OBLG-WI-FYTD less than zero and PROG-YR not current FY	EOR-OBLG-WI-FYTD EOR-OBLG-WO-FYTD
1J	Not DARPA record and EOR-OBLG-WI-FYTD greater than zero	EOR-OBLG-WI-FYTD EOR-OBLG-WO-FYTD
1K	Not DARPA record	EOR-DISB-FYTD
1M	Not DARPA record	EOR-DISB-US-CRM
1N	Not DARPA record	EOR-DISB-INTFUND-CRM
1S	Not DARPA record	EOR-OBLG-WI-CFI – EOR-OBLG-WI-NM – EOR-EXP-WI-CFI + EOR-EXP-WI-NM EOR-OBLG-WO-CFI – EOR-OBLG-WO-NM – EOR-EXP-WO-CFI + EOR-EXP-WO-NM
1V	Not DARPA record	EOR-EXP-WI-CFI – EOR-EXP-WI-NM – EOR-DISB-WI-CFI + EOR-DISB-WI-NM EOR-EXP-WO-CFI – EOR-EXP-WO-NM – EOR-DISB-WO-CFI + EOR-DISB-WO-NM
26	Not DARPA record and APROP is not expired and JO-FCA-CD not spaces or low values or OP-AGCY is not 74 with JO-FCA-CD-1 equals B	EOR-OBLG-FYTD
37	Not DARPA record and EOR-1 equals 1 and APROP is not expired	EOR-END-STR-OTH
38	Not DARPA record and EOR-1 equals 1 and APROP is not expired	EOR-HRS-FYTD

Appendix F--Continued

TRC	ASSIGNMENT CRITERIA	COMPUTED AMOUNT
44	**For quarterly report** Not DARPA record and APROP is not expired and	EOR-OBLG-WI-FYTD EOR-OBLG-WO-FYTD
*	APROP equals 0130, 0131, 0390, 1705, 1805, 2010, 2020, 2040, 2050, 2060, 2065, 2070, 2080, 2085, 2086, 2390, 4090, 4930, 7020 or 7025 and JO-MDEP is not spaces or low values and EOR-OBLG-FYTD is greater than zero or APROP equals 2031, 2032, 2033, 2034, 2035 or 2037 and SRC-OF-FUNDS equals D or APROP equals 0100 and LIMIT equals 5600 or APROP equals 0300 and LIMIT equals 5600 or 5601 or APROP equals 0400 and LIMIT equals 5600 or 5601 or APROP equals 0500 and LIMIT equals 7000	

Appendix F--Continued

TRC	ASSIGNMENT CRITERIA	COMPUTED AMOUNT
45	**For quarterly report** Not DARPA record and APROP is not expired and	EOR-OBLG-WI-FYTD EOR-OBLG-WO-FYTD
*	APROP equals 0130, 0131, 0390, 1705, 1805, 2010, 2020, 2040, 2050, 2060, 2065, 2070, 2080, 2085, 2086, 2390, 4090, 4930, 7020 or 7025 and JO-MDEP is not spaces or low values and EOR-OBLG-FYTD is less than zero and PROG-YR is not current FY or APROP equals 2031, 2032, 2033, 2034, 2035 or 2037 and SRC-OF-FUNDS equals D or APROP equals 0100 and LIMIT equals 5600 or APROP equals 0300 and LIMIT equals 5600 or 5601 or APROP equals 0400 and LIMIT equals 5600 or 5601 or APROP equals 0500 and LIMIT equals 7000	
AJ	DARPA record	EOR-OBLG-FYTD
AK	DARPA record	EOR-DISB-FYTD
AM	DARPA record	EOR-DISB-US-CRM
AN	DARPA record	EOR-DISB-INTFUND-CRM
AO	DARPA record	EOR-DISB-OTH-CRM
AS	DARPA record	EOR-OBLG-WI-CFI – EOR-OBLG-WI-NM – EOR-EXP-WI-CFI + EOR-EXP-WI-NM
AT	DARPA record	EOR-OBLG-WO-CFI – EOR-OBLG-WO-NM – EOR-EXP-WO-CFI + EOR-EXP-WO-NM
AV	DARPA record	EOR-EXP-WI-CFI – EOR-EXP-WI-NM – EOR-DISB-WI-CFI + EOR-DISB-WI-NM
AW	DARPA record	EOR-EXP-WO-CFI – EOR-EXP-WO-NM – EOR-DISB-WO-CFI + EOR-DISB-WO-NM

Appendix F--Continued

TRC	ASSIGNMENT CRITERIA	COMPUTED AMOUNT
LM	Not DARPA record	EOR-DISB-OTH-CRM
MA	DARPA record	EOR-OBLG-FYTD
MB	DARPA record	EOR-OBLG-WI-FYTD
ZE	Not DARPA record	EOR-OBLG-CFI – EOR-OBLG-NM - EOR-DISB-CFI + EOR-DISB-NM

F-5. The following table provides the criteria applied during System ID 1922 processing of the advance program record (C1325) for the assignment of the TRC and the computation of the amount. Both of these elements will be updated in the SOMAREPT file during subsequent processing.

TRC	ASSIGNMENT CRITERIA	COMPUTED AMOUNT
17	Not DARPA record and PROJ-ACCT equals 942	(PROG-ADV-CFI – PROG-ADV-NM + PROG-ADV-RECOUP-CFI – PROG-ADV-RECOUP-NM) * -1
18	Not DARPA record and PROJ-ACCT equals 925, 943, 944, 946, 950-959 OR 980 (Other Government)	(PROG-ADV-CFI – PROG-ADV-NM + PROG-ADV-RECOUP-CFI – PROG-ADV-RECOUP-NM) * -1
19	Not DARPA record and PROJ-ACCT equals 930, 945, 947, 948, 960, 970, 975 or 999 (Other Public)	(PROG-ADV-CFI – PROG-ADV-NM + PROG-ADV-RECOUP-CFI – PROG-ADV-RECOUP-NM) * -1
1K	Not DARPA record	PROG-ADV-FYTD + PROG-ADV-RECOUP-FYTD
1M	Not DARPA record	ADV-US-CRM
H1	**For quarterly report** Not DARPA record and PROJ-ACCT equals 930	OSTD-ADV-BEG-FY
HP	**For quarterly report** Not DARPA record and PROJ-ACCT equals 930	PROG-ADV-FYTD – PROG-ADV-W-O-FYTD
HR	**For quarterly report** Not DARPA record and PROJ-ACCT equals 930	PROG-ADV-RECOUP-FYTD * -1

Appendix F--Continued

TRC	ASSIGNMENT CRITERIA	COMPUTED AMOUNT
HW	**For quarterly report** Not DARPA record and PROJ-ACCT equals 930	PROG-ADV-W-O-FYTD * -1
LM	Not DARPA record	ADV-OTH-CRM
W1	**For quarterly report** Not DARPA record and PROJ-ACCT not 930	OSTD-ADV-BEG-FY
WP	**For quarterly report** Not DARPA record and PROJ-ACCT not 930	PROG-ADV-FYTD – PROG-ADV-W-O-FYTD
WR	**For quarterly report** Not DARPA record and PROJ-ACCT not 930	PROG-ADV-RECOUP-FYTD * -1
WW	**For quarterly report** Not DARPA record and PROJ-ACCT not 930	PROG-ADV-W-O-FYTD * -1
ZE	Not DARPA record	(PROG-ADV-CFI – PROG-ADV-NM + PROG-ADV-RECOUP-CFI – PROG-ADV-RECOUP-NM) * -1

F-6. The following table provides the criteria applied during System ID 1922 processing of the advance summary record (C1350) for the assignment of the TRC and the computation of the amount. Both of these elements will be updated in the SOMAREPT file during subsequent processing.

TRC	ASSIGNMENT CRITERIA	COMPUTED AMOUNT
HX	**For quarterly report** Not DARPA record and PROJ-ACCT equals 930	ADV-AMT – ADV-AMT-NM + ADV-RECOUP-AMT – ADV-RECOUP-AMT-NM
WX	**For quarterly report** Not DARPA record and PROJ-ACCT not 930	ADV-AMT – ADV-AMT-NM + ADV-RECOUP-AMT – ADV-RECOUP-AMT-NM

Appendix F--Continued

F-7.   The following table provides the criteria applied during System ID 1922 processing of the military/contractor labor record (C1375) for the assignment of the TRC and the computation of the amount. Both of these elements will be updated in the SOMAREPT file during subsequent processing.

TRC	ASSIGNMENT CRITERIA	COMPUTED AMOUNT
33	Not DARPA record	JO-MIL-LBR-OFC-FYTD + JO-MIL-LBR-ENL-FYTD

F-8.   The following table provides the criteria applied during System ID 1922 processing of the reimbursable record (C1400) for the assignment of the TRC and the computation of the amount. Both of these elements will be updated in the SOMAREPT file during subsequent processing.

TRC	ASSIGNMENT CRITERIA	COMPUTED AMOUNT
C1	**For quarterly report** Not DARPA record and REIMB-SRC-CD-1 equals 9 and SRC-OF-FUNDS equals F	ACCT-REC-AMT-OPEN-BAL
CD	Not DARPA record and SRC-OF-FUNDS equals F	ORD-REC-FYTD
CE	Not DARPA record and SRC-OF-FUNDS equals F	REIMB-EARN-FYTD
CF	Not DARPA record and SRC-OF-FUNDS equals F	REIMB-COLL-FYTD
CG	Not DARPA record and SRC-OF-FUNDS equals F	ORD-REC-CFI - ORD-REC-NM – REIMB-EARN-CFI + REIMB-EARN-NM
CH	Not DARPA record and SRC-OF-FUNDS equals F	REIMB-EARN-CFI - REIMB-EARN-NM – REIMB-COLL-CFI + REIMB-COLL-NM
CJ	Not DARPA record and REIMB-SRC-CD equals 932	REIMB-TRF-FYTD
CK	Not DARPA record and REIMB-SRC-CD equals 934	REIMB-TRF-FYTD
CL	Not DARPA record and REIMB-SRC-CD equals 940	REIMB-TRF-FYTD

Appendix F--Continued

TRC	ASSIGNMENT CRITERIA	COMPUTED AMOUNT
CM	Not DARPA record and SRC-OF-FUNDS equals F	REIMB-COLL-US-CRM
CN	Not DARPA record and SRC-OF-FUNDS equals F	REIMB-COLL-INTFUND-CRM
CO	Not DARPA record and SRC-OF-FUNDS equals F	REIMB-COLL-OTH-CRM
CP	**For quarterly report** Not DARPA record and REIMB-SRC-CD-1 equals 9 and SRC-OF-FUNDS equals F	REIMB-EARN-FYTD
CR	**For quarterly report** Not DARPA record and REIMB-SRC-CD-1 equals 9 and SRC-OF-FUNDS equals F	REIMB-COLL-FYTD
CX	**For quarterly report** Not DARPA record and REIMB-SRC-CD-1 equals 9 and SRC-OF-FUNDS equals F	REIMB-EARN-CFI – REIMB-EARN-NM – REIMB-BILL-CFI + REIMB-BILL-NM
D1	**For quarterly report** Not DARPA record and REIMB-SRC-CD-1 equals 9 and SRC-OF-FUNDS not F	ACCT-REC-AMT-OPEN-BAL
DD	Not DARPA record and SRC-OF-FUNDS not F	ORD-REC-FYTD
DE	Not DARPA record and SRC-OF-FUNDS not F	REIMB-EARN-FYTD
DF	Not DARPA record and SRC-OF-FUNDS not F	REIMB-COLL-FYTD

Appendix F--Continued

TRC	ASSIGNMENT CRITERIA	COMPUTED AMOUNT
DG	Not DARPA record and SRC-OF-FUNDS not F	ORD-REC-CFI - ORD-REC-NM – REIMB-EARN-CFI + REIMB-EARN-NM
DH	Not DARPA record and SRC-OF-FUNDS not F	REIMB-EARN-CFI - REIMB-EARN-NM – REIMB-COLL-CFI + REIMB-COLL-NM
DM	Not DARPA record and SRC-OF-FUNDS not F	REIMB-COLL-US-CRM
DN	Not DARPA record and SRC-OF-FUNDS not F	REIMB-COLL-INTFUND-CRM
DO	Not DARPA record and SRC-OF-FUNDS not F	REIMB-COLL-OTH-CRM
DP	**For quarterly report** Not DARPA record and REIMB-SRC-CD-1 equals 9 and SRC-OF-FUNDS not F	REIMB-EARN-FYTD
DR	**For quarterly report** Not DARPA record and REIMB-SRC-CD-1 equals 9 and SRC-OF-FUNDS not F	REIMB-COLL-FYTD
DX	**For quarterly report** Not DARPA record and REIMB-SRC-CD-1 equals 9 and SRC-OF-FUNDS not F	REIMB-EARN-CFI – REIMB-EARN-NM – REIMB-BILL-CFI + REIMB-BILL-NM

Appendix F--Continued

F-9.   The following table provides the criteria applied during System ID 1922 processing of the reimbursable advance record (C1500) for the assignment of the TRC and the computation of the amount. Both of these elements will be updated in the SOMAREPT file during subsequent processing.

TRC	ASSIGNMENT CRITERIA	COMPUTED AMOUNT
C1	<u>For quarterly report</u> Not DARPA record and REIMB-SRC-CD-1 equals 9 and SRC-OF-FUNDS equals F	REIMB-ADV-REC-CFI – REIMB-ADV-REC-FYTD – REIMB-ADV-REC-NM - REIMB-ADV-USED-CFI + REIMB-ADV-USED-FYTD + REIMB-ADV-USED-NM
CF	Not DARPA record and SRC-OF-FUNDS equals F	REIMB-ADV-REC-FYTD – REIMB-ADV-USED-FYTD and Advance AMS-CD and (REIMB-ADV-REC-FYTD – REIMB-ADV-USED-FYTD) * -1 and Resource AMS-CD
CH	Not DARPA record and SRC-OF-FUNDS equals F	REIMB-ADV-REC-CFI – REIMB-ADV-REC-NM – REIMB-ADV-USED-CFI + REIMB-ADV-USED-NM and Resource AMS-CD and (REIMB-ADV-REC-CFI – REIMB-ADV-REC-NM – REIMB-ADV-USED-CFI + REIMB-ADV-USED-NM) * -1 and Advance AMS-CD
CR	<u>For quarterly report</u> Not DARPA record and REIMB-SRC-CD-1 equals 9 and SRC-OF-FUNDS equals F	(REIMB-ADV-REC-FYTD – REIMB-ADV-USED-FYTD) * -1
D1	<u>For quarterly report</u> Not DARPA record and REIMB-SRC-CD-1 equals 9 and SRC-OF-FUNDS not F	REIMB-ADV-REC-CFI – REIMB-ADV-REC-FYTD – REIMB-ADV-REC-NM - REIMB-ADV-USED-CFI + REIMB-ADV-USED-FYTD + REIMB-ADV-USED-NM
DF	Not DARPA record and SRC-OF-FUNDS not F	REIMB-ADV-REC-FYTD – REIMB-ADV-USED-FYTD and Advance AMS-CD and (REIMB-ADV-REC-FYTD – REIMB-ADV-USED-FYTD) * -1 and Resource AMS-CD

Appendix F--Continued

TRC	ASSIGNMENT CRITERIA	COMPUTED AMOUNT
DH	Not DARPA record and SRC-OF-FUNDS not F	REIMB-ADV-REC-CFI – REIMB-ADV-REC-NM – REIMB-ADV-USED-CFI + REIMB-ADV-USED-NM and Resource AMS-CD and (REIMB-ADV-REC-CFI – REIMB-ADV-REC-NM – REIMB-ADV-USED-CFI + REIMB-ADV-USED-NM) * -1 and Advance AMS-CD
DR	<u>For quarterly report</u> Not DARPA record and REIMB-SRC-CD-1 equals 9 and SRC-OF-FUNDS not F	(REIMB-ADV-REC-FYTD – REIMB-ADV-USED-FYTD) * -1

F-10. The following table provides the criteria applied during System ID 1922 processing of the open billed record (C1525) for the assignment of the TRC and the computation of the amount. Both of these elements will be updated in the SOMAREPT file during subsequent processing.

TRC	ASSIGNMENT CRITERIA	COMPUTED AMOUNT
CX	**For quarterly report** Not DARPA record and REIMB-SRC-CD-1 equals 9 and SRC-OF-FUNDS equals F	OPN-BILL-BAL – OPN-BILL-BAL-NM
DX	**For quarterly report** Not DARPA record and REIMB-SRC-CD-1 equals 9 and SRC-OF-FUNDS not F	OPN-BILL-BAL – OPN-BILL-BAL-NM

Appendix G

LIST OF PRODUCT CONTROL NUMBERS BY SYSTEM ID

SYSTEM ID	PCN	TITLE
806	B10AXX0024M	APARS Status of Suballocations
806	B10AXX0034M	APARS Status of Reimbursements
* 1901	B67CXXM084R	SOMARDS Fund Out of Balance Report
1902	B67AXXF064R	Labor Exception Hours Exceeding DCPS Hours
1902	B67AXXJ104R	Employees Assigned Default EORs
1902	B67AXXL054R	Rejected Transaction Report
1903	B67AXXL054R	Rejected Transaction Report
1904	B67AXXL054R	Rejected Transaction Report
1908	B67AXXL054R	Rejected Transaction Report
1909	B67AXXL054R	Rejected Transaction Report
1910	B67AXXK194R	Monthly Summary of Labor Charges, by Cost Center and Job Order
1910	B67AXXK214R	Monthly Summary of Labor Charges, by SSAN
1910	B67AXXK234R	Monthly Summary of Labor Charges, by Cost Center and SSAN
1911	B67AXXF044R	Labor Recap Report by Payroll Control Number
1911	B67AXXF054R	Reporting CCM Labor Outside Assigned CCM Report
1911	B67AXXF074R	Labor Recap Report by SSAN
1911	B67AXXF084R	Labor Cost Recap Report by Reporting CCM/SSAN
1911	B67AXXF094R	Labor Cost Transfers
1912	B67AXXF154R	Outstanding Travel Advances by Program Control Key
1912	B67AXXF164R	Outstanding Travel Advances by Name
1913	B67AXXM034R	SOMAIFSD File Build Report
1914	B67AXXF034R	Standard Labor Master List by Cost Center
1917	B67AXXG414D	SOMARDS Daily Funds Control Report
1918	B67AXXG354D	Block Ticket Control Register
1918	B67AXXG364D	Block Ticket Control Register Out of Balance Report
1918	B67AXXG404D	SOMARDS Daily File Discrepancy Report
1918	B67AXXG434D	SOMARDS Daily Transaction Register
1918	B67AXXI164D	SOMARDS Daily Transaction Reject Report
1918	B67AXXJ014D	SOMARDS Daily Transaction General Ledger Register
1918	B67AXXL014D	SOMARDS Transactions Processed Against Frozen JO-NO Records
1919	B67AXXG394D	SOMARDS Daily Cash Flow Report Disbursements by Us/by Others
1919	B67AXXJ174D	SOMARDS Daily DELMARS Report
1922	B67AXXF004M	General Ledger Trial Balance
1922	B67AXXI084M	SOMARDS Trial Balance Submissions

Appendix G--Continued

SYSTEM ID	PCN	TITLE
1923	B67AXXL054R	Rejected Transaction Report
1926	B67AXXI134R	Overhead Distribution Summary
1926	B67AXXI144R	Overhead Distribution Detail
1926	B67AXXI154R	Overhead Distribution Error Report
1928	B67AXXJ074R	SOMARDS Base Operations Rate Error Report
1928	B67AXXJ084R	SOMARDS Base Operations Rate Report
1931	B67AXXM054R	Cost Distribution Report
1931	B67AXXM064R	Cost Distribution Error Report
1933	B67AXXG164R	Memo Unfunded Cost
1933	B67AXXL054R	Rejected Transaction Report
1934	B67AXXG024R	Billing Summary Data
1934	B67AXXG134R	FMS Administrative Expense, Automatic
1934	B67AXXG324R	Voucher for Transfer Between Appropriations and/or Funds
1934	B67AXXG764R	Cost Overrun Report
1934	B67AXXL064R	Statement of Account
1934	B67AXXJ194R	SOMARDS Suspected Problem Report
1935	B67AXXG054R	Commitment Writedown Report
1936	B67AXXG184R	Order Write Down Report
1936	B67AXXJ194R	SOMARDS Suspected Problem Report
1939	B67AXXF004M	General Ledger Trial Balance
1939	B67AXXI084M	SOMARDS Trial Balance Submissions
1943	B67AXXK184R	Special Health Care Expense Report
1944	B67AXXG004A	Yearend Labor File Rebuild Report
1947	B67AXXI114R	SOMARDS Bill Number File Print
1948	B67AXXI094R	SOMARDS Disbursing Officer Voucher Number Table Print
1949	B67AXXI104R	SOMARDS File Maintenance File Print
1951	B67AXXL074R	SOMARDS/STANFINS Element of Resource File Print
1953	B67AXXG294R	SOMARDS Tables Print
1955	B67AXXL054R	Rejected Transaction Report
1960	B67AXXI094D	SOMARDS Batch Basic Edit Rejects
1963	B67AXXJ034R	SOMALJOR/S2K.FUND File Reconciliation Report
1965	B67AXXJ054R	S2K.LBRM/SOMALJOR File Reconciliation Report

Appendix G--Continued

SYSTEM ID	PCN	TITLE
1966	B67AXXJ064R	SOMATBLS/SOMALJOR File Reconciliation Report
1969	B67AXXJ224R	SOMARDS Cumulative Block Ticket Report
1972	B67AXXL034R	SOMARDS General Ledger Reconciliation Report
1972	B67AXXL084R	SOMARDS General Ledger/Fund File Reconciliation
1973	B67AXXG324R	Voucher for Transfer Between Appropriations and/or Funds
1973	B67AXXL054R	Rejected Transaction Report
1974	B67AXXF014R	Unmatched SSAN Not in DCPS
1974	B67AXXF024R	Unmatched SSAN Not in Labor Database
1974	B67AXXF114R	Assigned CCM Variance Report
1974	B67AXXM044R	DCPS/LBRM Reconciliation Report
1988	B67AXXG424D	SOMARDS Daily Suspected Duplicate Transaction Listing
1992	B67AXXG454M	Financial Status of ARPA Orders
1992	B67AXXG504M	Obligations by Object Class
1992	B67AXXG554M	Status of Approved Resources
1992	B67AXXG574M	Status of Reimbursements
1997	B67AXXM074R	SOMAMSCD/S2K.FUND Reconciliation Report

* **Appendix H**

**DCPS DEFINITIONS AND ASSIGNED VALUES FOR ELEMENTS IN THE DCPS GPR FILE
USED TO DETERMINE EOR ASSIGNMENT DURING SOMARDS PAYROLL PROCESSING**

NOTE: The source of the definitions and code values provided in this Appendix were extracted from DCPS Interface Specification, Document Number DCPS-IS-01.

WORK SCHEDULE CODE
The time basis on which an employee is scheduled to work as reflected on the SF50.

CODE VALUES

F	-	FULL TIME
G	-	FULL TIME – SEASONAL
H	-	FULL TIME – ON CALL
I	-	INTERMITTENT
J	-	INTERMITTENT – SEASONAL
P	-	PART TIME
Q	-	PART TIME – SEASONAL
R	-	PART TIME – ON CALL
S	-	PART TIME – JOB SHARER
T	-	PART TIME – SEASONAL JOB SHARER

TEMPORARY POSITION CODE
Indicates an employee has a temporary appointment.

CODE VALUES

A	-	APPOINTMENT LESS THAN 90 DAYS
B	-	APPOINTMENT BETWEEN 90 DAYS AND LESS THAN 1 YEAR
C	-	APPOINTMENT ONE YEAR OR GREATER
SPACES	-	NOT APPLICABLE

NOTE: When the input DCPS temporary position code is filled, then the S2K.LBRM TEMP-POS-CD is updated with "Y"; otherwise, an "N" is assigned to this element.

CIVILIAN TYPE
This code signifies a type of civilian employee (Army use only).

CODE VALUES

001	-	EXPERTS AND CONSULTANTS
006	-	TEACHERS IN DEPENDENT SCHOOLS OUTSIDE THE UNITED STATES
008	-	ADMINISTRATIVELY DETERMINED UNITED STATES CITIZENS
009	-	CANAL ZONE SPECIAL SCHEDULE RELATED TO GENERAL SCHEDULE
010	-	CANAL ZONE SPECIAL SCHEDULE RELATED TO WAGE SCHEDULES
101	-	GRADED GENERAL SCHEDULE U.S. CITIZEN EMPLOYEES
102	-	FEDERAL WAGE SCHEDULE U.S. CITIZEN EMPLOYEES
103	-	GRADED PANAMANIANS
104	-	CIVILIAN WAGE BOARD PANAMANIANS
105	-	KOREANS
110	-	OTHER DIRECT HIRE FOREIGN NATIONALS
121	-	SENIOR EXECUTIVE SERVICE/CIVILIAN EXECUTIVE SCHEDULE
124	-	GENERAL SCHEDULE RESERVE COMPONENT TECHNICIANS

Appendix H--Continued

CIVILIAN TYPE (CONTINUED)

<u>**CODE VALUES (CONTINUED)**</u>

125	-	WAGE SCHEDULE RESERVE COMPONENT TECHNICIANS
130	-	HQDA INTERNS
202	-	GERMAN NATIONALS
204	-	KOREAN SERVICE CORPS
205	-	JAPANESE MASTER LABOR CONTRACT
206	-	OTHER INDIRECT HIRE FOREIGN NATIONALS
305	-	STUDENT EDUCATIONAL EMPLOYMENT PROGRAM

EMPLOYEE TYPE CODE
Indicates the employee is a type that requires unique handling in various portions of the system.

<u>**CODE VALUES**</u>

A	-	TRANSFER OF FUNCTION – (TOF-INVOLUNTARY). INCLUDES US AND NON-US CITIZEN EMPLOYEES IN PANAMA.
B	-	SENIOR EXECUTIVE SERVICE (DETERMINED FROM PAY PLAN "ES" OR PAY PLAN CODE "EX" WITH PRD = "S"). INCLUDES CAREER EXECUTIVES THAT ELECT TO RETAIN SES BENEFITS.
C	-	CONSULTANTS/EXPERT (DETERMINED FROM PAY PLAN AD, ED, EI, OR SR WITH PD PAY BASIS AND WORK SCHEDULE I OR J).
D	-	PHYSICIAN (ELIGIBLE FOR PHYSICIAN'S COMPARABILITY). INCLUDES NON-US CITIZEN PHYSICIANS IN PANAMA.
E	-	EXECUTIVES AND JUDGES OF COURT OF MILITARY APPEALS – DETERMINED FROM PAY PLAN SR OR EX, EXCLUDING "EX" EMPLOYEES THAT ELECT TO RETAIN SES BENEFITS (SEE EMPLOYEE TYPE CODE B).
F	-	EMPLOYEES WORKING UNCOMMON TOUR OF DUTY SCHEDULES.
G	-	FIRE PROTECTION AND PREVENTION PERSONNEL COVERED UNDER THE FIREFIGHTER OVERTIME PAY REFORM ACT OF 1998 (TITLE 5, CHAPTER 55, SUBPART M – FIREFIGHTER PAY).
H	-	NOT CURRENTLY USED (RESERVED).
J	-	POST-TREATY, INCLUDES ONLY NON-US CITIZEN EMPLOYEES IN PANAMA.
L	-	LAW ENFORCEMENT OFFICER RECEIVING AUO PREMIUM.
P	-	PROFESSOR/FACULTY EMPLOYEE – ACCELERATED FEHB DEDUCTIONS.
Q	-	EOP – NON LEAVE EARNER.

Appendix H--Continued

EMPLOYEE TYPE CODE (CONTINUED)

CODE VALUES (CONTINUED)

R   -   REGULAR – GRADED (NON-MANUAL) AND UNGRADED (MANUAL) EMPLOYEES. INCLUDES PRE-TREATY NON-US CITIZENS IN PANAMA AND USSAH HOME RESIDENTS.

S   -   ANNUAL PREMIUM FOR REGULARLY SCHEDULED STANDBY DUTY.

T   -   DODEA TEACHER OR PRINCIPAL. INCLUDES NON-US TEACHERS IN PANAMA.

U   -   ADMINISTRATIVELY UNCONTROLLABLE PREMIUM.

V   -   TITLE 32 TECHNICIAN.

W   -   FOREIGN NATIONAL REGULAR – GRADED AND UNGRADED EMPLOYEES EXCLUDING NON-US EMPLOYEES IN PANAMA.

X   -   FOREIGN NATIONAL FIREFIGHTER/FIRE CHIEF (144, 120, 112 HOURS) EXCLUDING NON0US FIRE PROTECTION IN PANAMA.

*   **Appendix I**

YEAR-END PROCESSING APPLICATION SCHEDULING

SYS ID	DESCRIPTION	REMARKS	REQUIRED SOMAUNIQ SETTINGS
1967	File Reorganization	Reorganizes the S2K.FUND file to maximize efficiency.	NONE
1908	Daily Labor (Optional)		

If Split Pay Labor processing will not be executed

		Normal monthly processing. Make sure the SOMAUNIQ MON-CD does not equal M so that year-end logic is not invoked.	MON-CD must not equal M. After 1903, set MON-CD back to M.

If Split Pay Labor processing will be executed

		Make sure the MON-CD field in the SOMAUNIQ file equals M each time that the application is executed. Additionally, the SOMAUNIQ SYS-SPLIT-PAY- PD-END-DT field must equal the October end date of the split pay period.	MON-CD MUST = M SYS-SPLIT-PAY-PD-END-DT MUST = OCTOBER SPLIT PAY PERIOD END DATE

1903	Labor Accrual		

If Split Pay Labor processing will not be executed

		Normal monthly processing. Make sure the SOMAUNIQ MON-CD does not equal M so that year-end logic is not invoked.	MON-CD must not equal M. After 1903, set MON-CD back to M.

If Split Pay Labor processing will be executed

| | | Make sure MON-CD equals M. This application will change the SYS-SPLIT-PAY- PD-END-DT to spaces. This will allow System ID 1908 to process new year labor exceptions.

SOMAUNIQ SYS-ACCRU-DA must equal the total number of days being accrued. | MON-CD MUST = M SYS-ACCRU-DA = DAYS BEING ACCRUED |
|---|---|---|---|

Appendix I--Continued

SYS ID	DESCRIPTION	REMARKS	REQUIRED SOMAUNIQ SETTINGS
1942	File Rebuild	Rebuilds all records marked for rebuild in the S2K.FUND and SOMALJOR files.	DECADE-CHG-CD MUST BE ALPHANUMERIC
1935	Commitment Write Down	Writes commitments down to equal the obligations.	OPEN-PERIOD-CD MUST NOT = P OR Q WRITEDOWN-IND MUST = Y OR 1
		If rebuild must occur, then COMT-PURGE-SWTCH must be set.	COMT-PURGE-SWTCH MUST = Y
		If next month dollars exist on S2K.FUND indicating transactions posted for next fiscal year, then OPEN-PERIOD-CD must be set to Y for NM to be subtracted from CFI.	OPEN-PERIOD-CD MUST = Y
1936	Order Write Down	Writes program, funds, and orders down to equal obligations or earnings.	OPEN-PERIOD-CD MUST NOT = P OR Q WRITEDOWN-IND MUST = Y OR 1
		If rebuild must occur, then MON-CD must be M.	MON-CD MUST = M
		If next month dollars exist on S2K.FUND indicating transactions posted for next fiscal year, then OPEN-PERIOD-CD must be set to Y for NM to be subtracted from CFI.	OPEN-PERIOD-CD MUST = Y
1940	Yearend Program and Funds Write Down (Optional)	Moves unobligated program and funds from the resource record to the ancestor program record for Direct Army records only.	NONE
1918, 1988, 1989	Daily Batch Update	Updates the S2K.HIST and S2K.GNLR files for records modified by System ID's 1935, 1936 and 1940.	NONE

Appendix I--Continued

SYS ID	DESCRIPTION	REMARKS	REQUIRED SOMAUNIQ SETTINGS
1922	Regulatory Reports Trial Balance	Produces regulatory report extracts. After process is completed, OPEN-PERIOD-CD will be changed to Q.	OPEN-PERIOD-CD MUST = Y
1990	Regulatory Report Extract Consolidation	Sorts and consolidates the three output datasets from System ID 1922 into one dataset that feeds System ID 1991.	NONE
1991	Regulatory Report File Update	Writes the input dataset to the SOMAREPT file for pen-and-ink changes.	NONE
1992	Regulatory Report Hardcopy Print	Produces the actual regulatory hardcopy reports.	NONE
1993	Regulatory Report Submission	Produces the output dataset that is to be transmitted to DFAS.	NONE
1925	Purge File	Rolls over balances in the S2K.FUND file and purges commitment, obligation, and advance records	OPEN-PERIOD-CD MUST = Q COMT-PURGE-SWTCH MUST = Y CMD-PURGE-MISC-SWTCH MUST = Y CMD-PURGE-CONTR-SWTCH MUST = Y CMD-PURGE-GBL-SWTCH MUST = Y CMD-PURGE-LBR-SWTCH MUST = Y CMD-PURGE-RQN-SWTCH MUST = Y CMD-PURGE-TVL-SWTCH MUST = Y
1946	Year-end Appropriation Cancellation	Marks records as being closed when certain criteria are met for that appropriation in the S2K.FUND file. Deletes closed records from the GNLR file.	OPEN-PERIOD-CD MUST = Q
1945	Year-end Purge of Upper Level Records (Optional)	Purges EOR, military-contractor-labor, reimbursable, and resource records when certain criteria are met.	OPEN-PERIOD-CD MUST = Q

Appendix I--Continued

SYS ID	DESCRIPTION	REMARKS	REQUIRED SOMAUNIQ SETTINGS
1937	Daily Batch Update	Updates the S2K.HIST file for records purged by System ID's 1925 and 1945.	NONE
1939	Year-end General Ledger	General ledger closing entries and trial balance.	OPEN-PERIOD-CD MUST = Q
1924	Clear File	Rolls over balances in the S2K.GNLR file and modifies the SOMALBRD file.	NONE
1967	File Reorganization	Reorganizes the S2K.FUND file to maximize efficiency.	NONE
1927	SOMABLKT, SOMATBLS, and SOMAUNIQ Update	Year-end update of SOMABLKT, SOMATBLS, and SOMAUNIQ files.	OPEN-PERIOD-CD MUST = Q

Appendix I--Continued

NEXT FISCAL YEAR PROCESSING

If Split Pay Labor processing will not be executed

SYS ID	DESCRIPTION	REMARKS	REQUIRED SOMAUNIQ SETTINGS
1902	Civilian Labor	Execute for 10-day accrual pay period ending in September.	MON-CD MUST = A SPLIT-PAY-SWTCH MUST = N
1944	Rebuild Process	Do not execute until after System ID 1902 for 10-day accrual pay period ending in September and before System ID 1902 for split pay period ending in October. The SPLIT-PAY-SWTCH in SOMAUNIQ must be set to Y, even though split pay will not be run for pay period ending in October. Changes (increments position 1 by one) labor JO-NOs used in S2K.LRBM file.	SPLIT-PAY-SWTCH MUST = Y LBR-REBLD-DEL-CD MUST = R
1902	Civilian Labor	Execute for split pay period ending in October.	MON-CD MUST = A SPLIT-PAY-SWTCH MUST = N
1944	Rebuild Process (Optional)	Second run of System ID 1944 deletes all prior year 16 byte records from the SOMALJOR file.	SPLIT-PAY-SWTCH MUST = N LBR-REBLD-DEL-CD MUST = D

Appendix I--Continued

NEXT FISCAL YEAR PROCESSING--Continued

If Split Pay Labor processing will be executed

SYS ID	DESCRIPTION	REMARKS	REQUIRED SOMAUNIQ SETTINGS
1902	Civilian Labor	Execute for 10-day accrual pay period ending in September.	MON-CD MUST = A SPLIT-PAY-SWTCH MUST = N
1944	Rebuild Process	Do not execute until after System ID 1902 for 10-day accrual pay period ending in September and before System ID 1902 for split pay period ending in October. Changes (increments position 1 by one) labor JO-NOs used in S2K.LRBM file.	SPLIT-PAY-SWTCH MUST = Y LBR-REBLD-DEL-CD MUST = R
1902	Civilian Labor	Execute for split pay period ending in October.	MON-CD MUST = A SPLIT-PAY-SWTCH MUST = Y
1944	Rebuild Process (Optional)	Second run of System ID 1944 deletes all prior year 16 byte records from the SOMALJOR file.	SPLIT-PAY-SWTCH MUST = N LBR-REBLD-DEL-CD MUST = D